Ueber die Weite der Iliacae communes, Subclaviae und Carotides communesin den verschiedenen Lebensaltern: ein zweiter Beitrag zur Lehre vom Blutdruck, von der Pubertätsentwickelung und Senescenz sowie zur Pathologie der Carcinome / von F.W. Beneke.

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# SCHRIFTEN DER GESELLSCHAFT

ZUR BEFÖRDERUNG

# DER GESAMMTEN NATURWISSENSCHAFTEN

ZU

MARBURG.

BAND 11. SUPPLEMENTHEFT III.



CASSEL 1879.

VERLAG VON THEODOR KAY,

KONIGLICHER HOF-KUNST- UND BUCHHÄNDLER.

# Ueber die Weite

der

# Iliacae communes, Subclaviae und Carotides communes

in den verschiedenen Lebensaltern.

Ein zweiter Beitrag

zur Lehre vom Blutdruck, von der Pubertätsentwickelung und Senescenz sowie zur Pathologie der Carcinome

von

F. W. Beneke

in Marburg.

In einer ersten Abhandlung dieser "Schriften" habe ich die Wachsthumsverhältnisse des Herzens, der Pulmonalis und der Aorta ascendens in den verschiedenen Lebensaltern besprochen. Ich lasse jetzt die Darlegung der Wachsthumsverhältnisse der Iliacae communes, der Subclaviae und der Carotides communes folgen. Die Ergebnisse sind an demselben Material gewonnen, welches der ersten Abhandlung zur Unterlage diente. Für die Entscheidung mancher, namentlich pathologischer Fragen, ist dasselbe noch bei Weitem nicht gross genug. Einzelne bemerkenswerthe Thatsachen sind durch dasselbe jedoch bereits hinreichend festgestellt, und die Vorlage derselben mit allem Detail erscheint mir um so mehr geboten, als damit allein die Bedeutung der hier vorliegenden Fragen und Aufgaben dargethan und das Interesse dafür geweckt werden kann. Der einzelne Arbeiter ist, zumal bei nur spärlich zufliessendem Material, ausser Stande, die vielfachen hier sich erhebenden Fragen zu lösen und vollgültig zu entscheiden. Nur die gemeinschaftliche Arbeit zahlreicher Fachgenossen wird die volle Wahrheit zu ermitteln im Stande sein. Um eine solche gemeinschaftliche Arbeit zu ermöglichen, ist die Vorlage der Details der einzelnen Arbeiten noch besonders geboten.

Schon in meiner ersten Abhandlung hob ich hervor, dass die relativen Grössenverhältnisse von Herz und grossen arteriellen Gefässstämmen in den verschiedenen Lebensaltern ganz verschiedene seien. In meiner Schrift über die "Anatomischen Grundlagen der Constitutionsanomalien des Menschen 1878" wurde nachgewiesen, dass diese Verschiedenheit der relativen Grössenverhältnisse in verschiedenen Lebensperioden auch für die wesentlichsten übrigen Organe, die Lungen, die Leber und die Nieren Geltung habe. In der vorliegenden Abhandlung werde ich die Existenz einer gleichen Verschiedenheit für die mittelgrossen Arterienstämme detaillirt darzuthun versuchen, und die Aufmerksamkeit wird hier wesentlich durch die sehr auffällige Verschiedenheit des Wachsthums der Carotiden gegenüber demjenigen der Iliacae communes und der Subclaviae gefesselt werden. Es lässt sich auf Grund dieser Untersuchungen bereits mit Bestimmtheit aussprechen, dass dieselbe menschliche Maschine in den verschiedenen grösseren Abschnitten des Lebens eine ganz verschiedene anatomische Einrichtung besitzt, dass sich das relative Grössenverhältniss der einzelnen Organe in der Kindheit anders verhält, als im Pubertäts- und Blüthenalter, und in diesem wieder anders, als im höheren und Greisenalter, dass diese Maschine deshalb in jeder dieser Lebensperioden auch anders arbeiten muss, als in den beiden andern Perioden, und dass endlich auf diesen Verhältnissen nicht nur die Verschiedenheit der physiologischen Leistungen in den verschiedenen Lebensabschnitten beruht, sondern mit ihnen auch ein Theil der s. g. Praedispositionen zu verschiedenartigen Erkrankungsformen in den verschiedenen Altersperioden, die s. g. Altersdisposition, eine Erklärung findet. Derselbe Organismus

oder dasselbe Individuum besitzt zu verschiedenen Lebensperioden eine verschiedene Constitution. Und dieses Resultat ist nicht das einfache Ergebniss der bis zu einer gewissen Lebensperiode ebenmässig fortschreitenden Grössenzunahme der Organe und der Stärkung oder Schwächung der einzelnen Theile durch den täglichen und jahrelangen Gebrauch; es wird erreicht durch sich gegenseitig bedingende Verschiebungen der Wachsthums- oder Grössenverhältnisse der einzelnen Maschinentheile. Nichts kann mehr unsere Bewunderung erregen, als dieser gesetzlich geordnete und beim gesunden Menschen sich ohne jedes Zuthun unsererseits ruhig und allmählich vollziehende Wandlungsprocess des organischen Haushaltes und seiner Factoren. Rechnen wir aber hinzu, dass sich die Verschiebung der bezeichneten relativen Grössenverhältnisse an Individuen vollzieht, welche von Geburt an schon vielfache absolute Grössendifferenzen der einzelnen Organe, wie des gesammten Körpers darbieten, und dass der Grad der erwähnten Verschiebungen selbst ein sehr variabler ist, so wird uns die zahllose Verschiedenheit der einzelnen menschlichen "Constitutionen" nach Individualität, Geschlecht und Alter erst vollends verständlich.

Dass es sich hier um wahre Grundlagen der physiologischen, wie pathologischen Forschung handelt, bedarf für den Einsichtsvollen keiner Erwähnung, und dass es uns an diesen Grundlagen bisher noch gefehlt hat und fehlt, wird Niemand in Abrede stellen können. Mit besonderem Nachdruck habe ich auf S. 2 meiner oben erwähnten Schrift hervorgehoben, welch' "grosse Erweiterung unseres Wissens in Bezug auf das Wesen und den Ablauf von Krankheitsprocessen" durch die pathologisch-anatomische Forschung der letzten Jahrzehnte erreicht sei. Aber ich war auch vollberechtigt in der Einleitung zu jener Schrift zu sagen, dass die Forschung auf dem hier gezeigten Wege "in vollendeterem Maasse das werden werde, was sie sein solle: eine pathogenetische". Wenn mir Herr Prof. Heller in Kiel aus diesem Satze einen Vorwurf macht\*), und für die heutige pathologisch-anatomische Forschung bereits das Lob einer "eminent pathogenetischen" in Anspruch nimmt, so hat mich derselbe wohl nur missverstanden und das Wort "Pathogenese" im engeren Sinne erfasst, als ich es thue. Die Pathogenese umfasst nach meiner Vorstellung die ganze Entwicklungsgeschichte eines Krankheitszustandes, von dem Punkte des normalen Lebensprocesses an, bei welchem derselbe anhebt, bis zu dem Punkt hin, auf welchem das Resultat des Krankheitsprocesses unserm Auge durch die Obduction enthüllt wird. Ueber die ersten Anfänge dieser Entwicklungsgeschichte, welche eben die für Pathologie und Therapie bedeutungsvollsten sind, befinden wir uns aber in der That in der grossen Mehrzahl der Fälle noch in grosser Unkenntniss, und auf diese hinzuweisen, war meine Absicht. Wir kennen z. B. sehr wohl die Hyperplasie der Lymphdrüsen bei s. g. scrophulösen Kindern, kennen die käsige Metamorphose derselben, kennen das Verhältniss dieser Metamorphose zur Entwicklung der Miliartuberkel u. s. w.; weshalb aber jene Kinder nun überhaupt "scrophulös" wurden, was den Anstoss zur Drüsenhyperplasie gab, ist uns zum grössten Theil unbekannt und wird bis dahin nur vermuthet. Und doch liegt hier der eigentliche Angelpunkt nicht nur für die Pathologie der "Scrophulosis", sondern namentlich auch für die Therapie

<sup>\*)</sup> Jenaër Literaturzeitung Nr. 40, 1878.

derselben. Und ähnlich verhält es sich mit einer grossen Anzahl von Krankheitsprocessen, und insonderheit mit den s. g. constitutionellen Krankheitsformen. Ist es erforderlich, noch daran zu erinnern, dass in ein und derselben Familie und unter ganz gleichen äusseren Lebensverhältnissen das eine Kind vielleicht an einer Lymphdrüsentuberkulose, ein zweites am Gelenkrheumatismus, ein drittes aber gar nicht erkrankt? Diese zahlreich vorliegenden Erfahrungen weisen mit grösster Bestimmtheit auf individuelle pathogenetische Momente hin, und es war mein Wunsch, wesentlich auf diese die Aufmerksamkeit hinzulenken und die Lücken zu bezeichnen, welche unser Wissen in Bezug auf sie in noch hohem Grade besitzt.

In Bezug auf die Methodik der Umfangsbestimmung der Iliacae communes, der Subclaviae und der Carotides communes habe ich nur Weniges zu bemerken. Die sämmtlichen grossen Arterien wurden im Zusammenhang aus der Leiche herauspräparirt, mit scharfer Scheere aufgeschlitzt und die genannten Gefässe alsdann je 1-2 Ctm. unterhalb ihres Abganges von der Aorta, resp. Anonyma, mit dem Millimeterstabe gemessen. Die Iliacae und Carotiden bieten dabei keinerlei Schwierigkeiten dar. Beide bewahren auch auf eine Länge von 2-3 Ctm. in der Regel fast scharf denselben Umfang. Gegen die Theilungsstelle in Carot, intern. und extern, hin wird die Carotis communis mitunter etwas weiter, so dass man sich bei ihr genau an die Stelle 1-3 Ctm. unterhalb ihres Ursprungs halten muss. Grössere Schwierigkeiten bieten die Subclaviae dar, und zwar in Folge der früheren oder späteren Abzweigung der Art. vertebralis und des trunc. thyreocervicalis. Die Subclaviae werden dadurch selbst oft sehr kurz und zeigen auch bauchige Ausweitungen. Ich habe es zum Zwecke der genauen Messung für nöthig befunden, die genannten mitabgetrennten Aeste vollständig aufzuschlitzen. Die Subclaviae selbst lassen sich dann meistens gut in der Fläche ausbreiten und messen. Unter den drei genannten Arterienstämmen bieten sie übrigens die relativ grössten Verschiedenheiten des Umfanges dar.

Ich lasse nun zunächst auch hier wieder die Messungsresultate in aller Vollständigkeit, wie ich sie aufbewahrt habe, folgen. Neben den aufgefundenen absoluten Umfängen der sechs Arterien finden sich durchgehends die Berechnungen derselben auf je 100 Ctm. Körperlänge verzeichnet.

# I. Todtgeboren.

| Nr.<br>Geschlecht. | Alter.   | Allgemeiner<br>Ernährungs-<br>zustand. | Diac. comm.<br>dextr. | Auf 100 Ctm. | Iliac. comm. | Auf 100 Ctm. | Subel, sin, | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Körperlänge.<br>Ctm. | To desursache<br>und<br>wesentliche Krankheitsform. |
|--------------------|----------|----------------------------------------|-----------------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|----------------------|-----------------------------------------------------|
| 1 m                | ?        | _                                      | 3,5                   | 11.3         | 3.5          | 11.3         | _           | -            | 3            | 9.7          | _             | _            | 3.7          | 12.1         | 31                   | Frühgeburt.                                         |
| 2 w.               | 7 Mon.   | gut.                                   | 5                     | 13.9         | 5            | 13.9         | 4.5         | 12.5         | 4.5          | 12.5         | 5             | 13.9         | 5            | 13.9         | 36                   | desgl.                                              |
| 3 m                | 7 Mon.   | mager.                                 | 6                     | 14.8         | 6            | 14.8         | 5           | 12.3         | 3.5          | 8.6          | 5             | 12.3         | 4.5          | 11.1         | 40.5                 | desgl.                                              |
| 4 m                | 7 Mon.   | kräftig.                               | -                     | -            | 6,5          | 15.6         | -           | -            | -            | -            | -             | -            | 5            | 12.0         | 41.5                 | desgl.                                              |
| 5 m.               | 9 Mon.   | sehr kräftig.                          | 8.5                   | 16.3         | 9            | 17.3         | 9           | 17.3         | 7            | 13.5         | 9             | 17.3         | 7            | 13.5         | 52                   | Perforation,                                        |
| 6 m                | 9 Mon.   | sehr kräftig.                          | 10                    | 18.2         | 10           | 18.2         | -           | -            | -            | -            | 10            | 18.2         | 8.5          | 15.4         | 55                   | Placenta praevia.                                   |
| 7 m.               | 9 Mon.   | zieml. gut.                            | 8.5                   | 17.3         | 8            | 16.3         | 7           | 14.3         | 7            | 14.3         | 9.5           | 19.4         | 8            | 16.3         | 49                   | Im Geburtsact gestorben.                            |
| 8 m.               | 9 Mon.   | welk.                                  | 9.5                   | 18.4         | 9            | 17.5         | -           | -            | 9            | 17.5         | -             | -            | 9            | 17.5         | 511/2                | Durch Aspiration u. Fruchtwasser erstick            |
| 9 w.               | 9 Mon.   | -                                      | 8,5                   | 17           | 8,5          | 17           | 7           | 14           | 6            | 12           | -             | -            | -            | -            | 50                   | Im Geburtsact gestorben.                            |
|                    | 1        |                                        |                       |              |              |              |             |              |              |              |               |              |              |              |                      |                                                     |
|                    | Nr. 5, 6 | reifen Knaben<br>, 7, 8                | 9,1                   | 17.5         | 9            | 17.3         | 8           | 15.8         | 7.6          | 15.1         | 9.5           | 18.3         | 8.1          | 15.7         | 51,6                 |                                                     |

## II. Erste 11 Lebenstage.

| m. 4 Tage                  | atrophisch. | 5   | 10.6 | 5 | 10.6 | 7  | 14.9 | 5.5 | 11.7 | 7   | 14.9 | 6   | 12.8 | 47   | Atelect. pulm.   | Allg. Atrophie. |
|----------------------------|-------------|-----|------|---|------|----|------|-----|------|-----|------|-----|------|------|------------------|-----------------|
| m. 11 Tg.                  | dürftig.    | 7.5 | 15.4 | 7 | 14.4 | 9  | 18.5 | 7   | 14.4 | 8   | 16.5 | 7   | 14.4 | 48.5 | Icterus.         |                 |
| w. 1 Tag                   | gut.        | 8   | 16.6 | 8 | 16.6 | -  | -    | 6   | 12.5 | -   | -    | 6.5 | 13.5 | 48   | Ascit, congenit. | Atelect. pulm.  |
| w. 1 Tag                   | mager.      | 8   | 15.7 | 7 | 13.7 | 10 | 19.6 | 9   | 17.6 | 10  | 19.6 | 10  | 19.6 | 51   | Atelect. pulm.   |                 |
| w. 7 Tage                  | mager.      | 8   | 16   | 8 | 16   | -  | -    | 8   | 16   | 9.5 | 19.0 | 8   | 16   | 50   | Atelect. pulm.   |                 |
| w. 8 Tage                  | mittel.     | 8   | 15.4 | 9 | 17.3 | 8  | 15.4 | 7   | 13.4 | 8   | 15.4 | 7   | 13.4 | 52   | Bronchitis.      |                 |
| ittel der 4 1<br>Nr. 3, 4, |             | 8   | 15.9 | 8 | 15.9 | 9  | 17.5 | 7.5 | 14.9 | 9.1 | 18-0 | 7.9 | 15.6 | 50.2 |                  |                 |

# III. Vom 11. Lebenstag bis Ende des 3. Lebensmonats.

## a. Knaben.

| Geschlecht.                                                                                  | Alter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Allgemeiner<br>Ernährungs-<br>zustand.                                                                                  | Hiac. comm.<br>dextr.                                                          | Auf 100 Ctm.                                                                                                                 | Diac, comm.<br>sinistr. | Auf 100 Ctm.                                                                                                                 | Subel, sinistr. | Auf 100 Ctm.                                                                                                         | Carot. comm.         | Auf 100 Ctm.         | Subcl. dextr.                | Auf 100 Ctm.                                                                                                         | Carot. comm.                                        | Auf 100 Ctm                                                                                                               | Körperlänge.<br>Ctm.                                                                               | Todesursache und wesentliche Krankheitsform.                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 m.<br>3 m.<br>5 m.<br>5 m.<br>7 m.<br>8 m.<br>9 m.<br>1 m.<br>2 m.<br>3 m.<br>4 m.<br>5 m. | 17Tag.<br>3¹/₂ W.<br>4 Wch.<br>4 Wch.<br>6 Wch.<br>7 Wch.<br>7 Wch.<br>7 Wch.<br>8 Mon.<br>8 Mon. | sehr atroph. desgl. mager. sehr atroph. mager, mager. sehr atroph. mittel. abgemagert. mittel. gut. sehr gut. sehr gut. | 10<br>7<br>6<br>5.5<br>5.5<br>7<br>7<br>6.5<br>7<br>7<br>8<br>7<br>7<br>9<br>9 | 17.7<br>15.2<br>11.7<br>11.7<br>11.4<br>13.6<br>13.2<br>12.8<br>11.7<br>12.5<br>14.3<br>13.1<br>13.2<br>13.9<br>15.6<br>16.4 | 6 6 5                   | 16.8<br>13.0<br>11.7<br>12.8<br>10.4<br>13.6<br>13.2<br>12.8<br>11.7<br>14.3<br>13.4<br>13.1<br>13.2<br>13.1<br>15.6<br>14.5 | 10.5            | 17.4<br>15.7<br>12.8<br>15.6<br>19.4<br>15.1<br>13.8<br>15.9<br>15.2<br>19.6<br>14.9<br>18.8<br>16.9<br>18.3<br>18.2 | 8<br>9,5<br>10<br>10 | 14.9<br>17.9<br>15.4 | 9<br>9<br>10<br>11.5<br>12.5 | 16.8<br>17.4<br>17.6<br>17.0<br>16.6<br>17.9<br>13.8<br>16.8<br>16.1<br>16.1<br>18.7<br>21.7<br>19.2<br>17.4<br>18.2 | 6<br>7.5<br>8<br>7<br>9<br>9<br>10<br>8<br>10<br>10 | 14.1<br>15.2<br>14.7<br>12.8<br>15.6<br>—<br>15.1<br>13.8<br>15.1<br>16.1<br>17.8<br>14.9<br>18.8<br>15.4<br>17.4<br>17.3 | 56.5<br>46<br>51<br>47<br>48<br>51.5<br>53<br>50.5<br>56<br>56<br>56<br>53.5<br>53.5<br>55<br>57.5 | Im Brechact erstickt. Allgem. Atrophie. desgl. Atelect, pulm. Phlebit. umbilic. Allgem. Atrophie. Bronchitis. Im Brechact erstickt. Allgem. Atrophie. Atelect. pulmon. Eitrige Bronchitis. Leichte Rachitis. Rechts Pneumon. Chol. infant. Beiderseit. lobul. Pneumon. Rachitis. Pleuropneumonie. Hypertroph. cord. Pneumon. cat. Im Brechact erstickt. Gesund. Bronchitis (im Bett erstickt). |
| litte                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         | 7.3                                                                            | 13.6                                                                                                                         | 7.2                     | 13.3                                                                                                                         | 8,9             | 16.5                                                                                                                 | 8,5                  | 15.7                 | 9.4                          | 17.4                                                                                                                 | 8.4                                                 | 15.6                                                                                                                      | 53.7                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |

# b. Mädchen.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | sehr mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7        | 14.3         |     | 13.2                |     | 18.4           |       | 14.3                |     | 20.4           |     | 1            |          | Rechts Atelect, pulm. Spur von Rachit.     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|-----|---------------------|-----|----------------|-------|---------------------|-----|----------------|-----|--------------|----------|--------------------------------------------|
| 2 w. 31/2 W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | mittel,<br>etwas mager,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8.5<br>6 | 16.0         | 8.0 | 16.0                |     | 16.0           |       | $\frac{14.1}{15.1}$ |     | 16.0           |     | 15.1         | 53<br>53 | ? Alle Organe gesund.<br>Pneumon, catarrh. |
| 4 w. 7 Wch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6        | 11.3<br>10.3 | 6   | 15.1<br>10.3        |     | 17.0<br>13.8   |       | 17.2                |     | 18.9<br>17.2   |     | 16.0<br>17.2 | 58       | Rachitis, Achtmonatskind,                  |
| 5 w. 8 Wch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9        | 16.6         |     | 13.0                | 8   | 14.8           | 9     | 16.6                |     | 15.7           |     | 15.7         | 54       | Pneumon, Leichte Rachit,                   |
| 6 w. 8 Wch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6        | 10.7         | 6   | 10.7                | 8   | 14.3           | 8.5   | 15.2                | 10  | 17.8           | 9   | 16.1         | 56       | Im Brechact erstickt.                      |
| 7 w. 8 Weh.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -        | -            | 8   | 13.5                | -   |                |       | 17.8                | 13  | 22.0           |     | 15.3         | 59       | Bronchit, Pneum, cat, Mäss, Rachitis.      |
| 8 w. 9 Wch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8        | 14.4         |     | 14.4                |     | 16.2           |       | 16.2                |     | 16.2           |     | 15.3         | 55.5     | Pneumon. bilat.                            |
| 9 w. 10 W.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7.5      | 13.6         | 8   | 14.5                |     | 15.4           |       | 16.3                |     |                | 9   | 16.3         | 55       | Pneumon. bilat, cat, Scroph. gland, coll.  |
| 0 w. 3 Mon.<br>1 w. 3 Mon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8<br>6.5 | 13.8         | 8   | 13.8                |     | 15.5           |       | 16.4                | 10  | 17.2           |     | 17.2         | 58<br>55 | Bronchit.<br>Im Brechact erstickt.         |
| 2 w. 3 Mon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | and the same of th | 7        | 11.8<br>12.3 | 7.5 | $\frac{12.7}{13.1}$ | 9   | $16.4 \\ 15.8$ | 9 8 5 | 16.4                | 10  | $16.4 \\ 17.5$ | 8   | 14.5<br>15.8 | 57       | Cat, intest, Leichte Rachitis.             |
| W. O MOB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | mittei.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | 14.0         | 1.0 | 10.1                |     | 19.0           | 0.0   | 14.5                | 10  | 11.0           | 0   | 19.0         | ٥.       | Cat. Intest. Belefite Racintis.            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - 19-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |              | 1   |                     |     |                |       |                     |     | 1              |     |              |          |                                            |
| fittel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.2      | 13.2         | 7.3 | 13.3                | 8.6 | 15.8           | 8.8   | 15.9                | 9.9 | 17.8           | 8.7 | 15.7         | 55.2     |                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |              |     |                     |     |                |       | 1                   |     |                | 1   |              |          |                                            |
| The latest with the latest windicates with the latest with the latest with the latest with the |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |              |     | 1                   |     |                | -     |                     |     | -              |     |              |          |                                            |

# IV. 3. Lebensmonat bis Schluss des 1. Lebensjahres.

## a. Knaben.

| Nr.<br>Geschlecht.                                   | Alter.           | Allgemeiner<br>Ernährungs-<br>zustand.                        | Iliac, comm,<br>dextr. | Auf 100 Ctm.                                                         | Iliac, comm.                              | Auf 100 Ctm                                                          | Subcl. sinistr.                          | Auf 100 Ctm | Carot, comm.                                | Auf 100 Ctm. | Subel, dextr.                              | Auf 100 Ctm.                                 | Carot. comm.                         | Auf 100 Ctm.                                                         | Körperlänge<br>Ctm.                        | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|------------------|---------------------------------------------------------------|------------------------|----------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------|------------------------------------------|-------------|---------------------------------------------|--------------|--------------------------------------------|----------------------------------------------|--------------------------------------|----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 m.<br>3 m.<br>4 m.<br>5 m.<br>6 m.<br>7 m.<br>8 m. | 5 Mon.<br>6 Mon. | sehr fett u. kräft<br>desgl,<br>sehr gut,<br>kräftig,<br>gut, | 8 8 9 9 9 9            | 14.5<br>12.2<br>12.3<br>12.2<br>13.6<br>14.1<br>12.7<br>14.1<br>12.1 | 7<br>8.5<br>9<br>8.5<br>9.5<br>9.5<br>9.5 | 14.5<br>12.2<br>13.1<br>13.7<br>12.9<br>14.9<br>12.7<br>14.9<br>12.1 | 10<br>12<br>11<br>11<br>12<br>12,5<br>12 | 17.6        | 9,5<br>11<br>11<br>10<br>11.5<br>12<br>11.5 | 17.0<br>16.8 | 10.5<br>14<br>13<br>11.5<br>13<br>14<br>13 | 21.5<br>19.8<br>17.4<br>20.3<br>19.7<br>20.3 | 10.5<br>11<br>11<br>10.5<br>12<br>11 | 17.3<br>18.3<br>17.0<br>16.8<br>15.9<br>18.8<br>15.7<br>18.8<br>14.9 | 57.5<br>65<br>65.5<br>66<br>64<br>71<br>69 | Miliartub. d. Pleura und Lunge. Croup. Pneumon. lobul. Pneum. cat. Fraisen. Pneum. cat. Rachit. Submil. Tub. d. Lung Rachit. Leicht. Hydroceph. ImBrechact erst Plötzlicher Tod unter Fraisen. Bronchitis Bronchit. Anaemie. Leichte Rachitis, Cat. Pneum. Tod unt. Fraisen, LeichteRach Mil. Tub. Verkäste Bronch. Drüsen. |
| Mittel                                               |                  |                                                               | 8.4                    | 13.1                                                                 | 8,6                                       | 13.4                                                                 | 11.3                                     | 17.5        | 10.7                                        | 16.6         | 12.3                                       | 19.4                                         | 10.9                                 | 17.0                                                                 | 65.2                                       |                                                                                                                                                                                                                                                                                                                             |

# b. Mädchen.

| 1 w. 15 W. äusserst 2 w. 4 Mon. 3 w. 4 Mon. 4 w. 42/3 M. 5 w. 6 Mon. 6 w. 7 Mon. 7 w. 8 Mon. 8 w. 8 Mon. 9 w. 9 Mon. 10 w. 9 Mon. 11 w. 10 M. 12 w. 11 M. 13 w. 1 Jahr. 4 wserst gu abgem gu kräfi gu kräfi des | el. 8 13. t. 7 11. ligert. 8 13. 7 11 6 9. lig. 9 13. ligem. 7 12. dl. 6 10. i. 7 10. i. 9 13. fett. 8 11. | 3.3 7 11.6<br>1.5 8 13.1<br>3.1 8 13.1<br>1.5 7 11.5<br>0.9 5.5 9.1<br>13.6<br>2.5 7 12.5<br>0.5 6.5 11.4<br>0.8 7.5 11.6 | 11 18.3<br>- 10.5 17.2<br>9 14.7<br>10 16.5<br>- 10.5 18.8<br>10 17.5<br>11 16.2<br>10 14.3 | 11 18,<br>10 16,<br>10.5 17,<br>9.5 15,<br>9.5 15,<br>11 16,<br>10 17,<br>9 15,<br>10 15,<br>11 16,<br>10 14, | 3 10<br>4 10<br>2 10<br>6 11<br>7 10.5<br>6 12<br>9 —<br>8 11<br>5 10<br>2 12<br>3 13 | 16.8 8 16.6 12 16.4 10 16.4 12 18.0 10,5 17.3 10 18.2 11 | 20.0 60<br>16.4 61<br>19.6 61<br>17.2 61<br>16.5 60<br>16.6 66<br>17.9 56<br>17.5 57<br>16.3 64<br>15.4 68<br>14.3 70 | Bronchitis, Starb unter Fraisen,<br>Verkäste Bronch, Dr. Mening, Tub,<br>Frische u, käsige Peribronchit, nodosa, |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Mittel                                                                                                                                                                                                          | 7.5   12                                                                                                   | 2.0 7.6 12.2                                                                                                              | 10.3 16.7                                                                                   | 10 2 16.                                                                                                      | 3 11.0                                                                                | 17.4 10.5                                                | 16.9 62.                                                                                                              | 3                                                                                                                |

# V. 2. Lebensjahr.

## a. Knaben.

| A STATE OF THE PARTY OF THE PAR |     |        |          |      |      |      |      |      |      | S. House | 1, 200 | the lateral land |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|----------|------|------|------|------|------|------|----------|--------|------------------|----------------------------------------------------------|
| 1 m. 11/4 J. sehr mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8   | 12.0   | 8 12.0   | 11   | 16.4 |      | 16.4 | 13   | 19.4 | 12       | 17.9   |                  | Beiders, lobul, Pneum. Leichte Rachitis.                 |
| 2 m. 1 1/6 J. abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9   | 12.7   | 8 11.3   | 13   | 18.4 | 11   | 15.6 | -    | -    | 12       | 17.0   | 70.5             | Rachitis, Lobul, Pneumon.                                |
| 3 m. 11/4 J. abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10  | 14.9   | 9.5 14.2 | 10,2 | 15.3 | 12   | 18.0 | 12   |      |          | 15.7   |                  | Käs, Peribronchit. nod.                                  |
| 4 m. 11/2 J. sehr gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8.5 | 12.3   | 9 13.0   | 12.5 | 18.1 | 13   | 18.8 | 14   | 20.3 | 12       | 17.4   | 69               | Pneumon. cat. Rachitis.                                  |
| 5 m. 11/2 J. sehr kräft., fett                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |        |          | 13   |      |      | 14.9 |      | 17.6 |          | 16.2   |                  | Bronchit. Spasm. glott. Rachitis.                        |
| 6 m. 13/4 J. kräftig, fett.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |        |          | 15   | 20.3 | 14   | 19.0 | 16   | 21.6 | 15       | 20.3   | 74               | Bronchit, Rachit, Leichte Hydrocephalie,                 |
| 7 m. 15/4 J. kräftig, fett.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |        |          |      |      |      | 18.1 |      |      |          | 12.5   |                  | Croup, descend. Lobul. Pneum, Etwas incurvirte Schenkel. |
| 8 m. 15/6 J. abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9.5 | 11.9   | 9 11.2   | 11   | 13.7 |      | 16.2 |      |      |          | 17.5   |                  | Rachitis. Käs. Bronch, Dr. Mening, Tub.                  |
| 9 m. 2 Jahr. mittel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 12.8   |          | 14.5 |      |      |      |      | 20.0 | 13.5     | 19.3   | 70               | Rachitis. Plötzl. Tod. Bronchitis.                       |
| 10 m. 2 Jahr. sehr schön.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11  | 18.0 1 | 0 16.6   | 13   | 21.3 | 13   | 21.3 | 14   | 23.0 | 12.5     | 20.5   | 61               | Croup. Ausgesproch. Rachitis.                            |
| 11 m. 2 Jahr. mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     | 11.9 1 | 1 13.1   | 14   | 16.6 | 12,5 | 14.9 | 16   | 19.0 | 12       | 14.3   | 84               | Käs, Bronch, Dr. Mil. Tub. d. Men. u. Lung.              |
| Mittel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9.4 | 13.0   | 9.4 12.9 | 12.7 | 17.6 | 12.3 | 17.5 | 14.0 | 19.3 | 12.4     | 17.1   | 72.8             |                                                          |

# V. 2. Lebensjahr.

## b. Mädchen.

| Alter.                                                          | Allgemeiner<br>Ernährungs-<br>zustand.                                            | Hiac. comm.                               | Auf 100 Ctm.                                         | Iliac, comm.                          | Auf 100 Ctm.                 | Subel, sinistr.                            | Auf 100 Ctm.                 | Carot, comm.                          | Auf 100 Ctm.         | Subcl. dextr.                          | Auf 100 Ctm.                                                 | Carot. comm.                             | Auf 100 Ctm,         | Körperlänge.                                       | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                                                            |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------|---------------------------------------|------------------------------|--------------------------------------------|------------------------------|---------------------------------------|----------------------|----------------------------------------|--------------------------------------------------------------|------------------------------------------|----------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/6<br>15/12<br>11/2<br>11/2<br>11/2<br>12/3<br>13/4<br>2<br>2 | mittel. gut, fett. sehr gut. kaum gut. zieml. gut. sehr kräftig. gut. sehr schön. | 9.5<br>9<br>11<br>9<br>8<br>9<br>10<br>10 | 11.7<br>14.2<br>12.6<br>12.1<br>11.1<br>12.3<br>13.1 | 8.5<br>10<br>9<br>8<br>9<br>10<br>9.5 | 12.1<br>11.1<br>12.3<br>12.5 | 11<br>13<br>12.5<br>11<br>12<br>11.5<br>10 | 16.6<br>14.8<br>14.1<br>13.1 | 10<br>13<br>12<br>—<br>12<br>13<br>13 | 14.8<br>15.9<br>17.1 | 13<br>15<br>13<br>11<br>13<br>16<br>14 | 20.2<br>16.9<br>19.3<br>18.2<br>16.6<br>16.0<br>19.6<br>18.4 | 11<br>13<br>12<br>11,5<br>11<br>13<br>12 | 13.6<br>15.9<br>15.8 | 74<br>77<br>77.5<br>71.5<br>66<br>81<br>81.5<br>76 | Diphtherit. Fraisen. Pneumon, dextr. total. Mil. Tub. d. Mening. u. Lungen. Croup. descend. Leichte Rachitis. Rachitis. Pneumon, cat. Rachitis. Bronchitis. Diphtherit. gangraenos. Käs. Bronch. Dr. Men. Tub. Hydroceph. chr. Croup. descend. "Sehr gesund". |

## VI. 3. Lebensjahr.

## a. Knaben.

|       |               |     |      |      | _    | _    |      |      |      | _    | _    | _    | _    | _    |                                                                                       |
|-------|---------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------------------------------------------------------------|
| 21/4  | sehr kräftig. | 11  | 12.9 | 11   | 12.9 | 15   | 17.6 | 15   | 17.6 | 15   | 17.6 | -    | -    | 85   | Tod im Erupt. Stad. des Scharlach. Käs. Heerde<br>in d. Lunge. Grosser Kopf.          |
| 21/4  | sehr gut.     | 8   | 10.8 | 8,5  | 11.5 | 12   | 16.2 | 13   | 17.6 | 12.5 | 16.9 | 12   | 16.2 | 74   | Käs. Bronch. Dr. Käs. Heerde in d. Lunge. Spur<br>von Rachitis. Im Brechact erstickt. |
| 21/3  | sehr gut.     | 10  | 12.2 | 10.5 | 12.8 | 17   | 20.7 | 13   | 15.9 | 16   | 19.5 | 13   | 15.9 | 82   | Croup, descend, Rachit, gebog, Unterschenkel.                                         |
| 21/2  | äuss. abgem.  | 9   | 11.5 | 9    | 11.5 | 12.5 | 16.0 | 12.5 | 16.0 | 16.5 | 21.1 | 12   | 15.4 | 78   | Käs. Bronch. Dr. Tub. cerebri et pulm. Hydroceph.                                     |
| 27/12 | sehr abgem.   | 10  | 12.5 | 10.5 | 13.2 | 15   | 18.8 | 14   | 17.6 | 14   | 17.6 | 13   | 16.3 | 79.5 | Käs. Bronch. Dr. Pneumon. cat. Rachit, thorax.                                        |
| 23/4  | mittel.       | 9   | 11.2 | 8    | 9.9  | 12   | 14.9 | 13   | 16.1 | 15   | 18.6 | 11.5 | 14.3 | 80.5 | Käs. Bronch, Dr. Tuberc, beider Lungen.                                               |
| 3     | gat.          | 10  | 11.6 | 9,5  | 11.0 | 14   | 16.3 | 14   | 16.3 | 14   | 16.3 | 14   | 16.3 | 86   | Käs, Bronch. Dr. Pneum, lob, sin,                                                     |
| 3     | sehr abgem.   | 10  | 11.7 | 10   | 11.7 | 13   | 15.3 | 13   | 15.3 | 14   | 16.5 | 12.5 | 14.7 | 85   | Rechtss. Empyem. Rippenresection. Amyloid. Deg.                                       |
| 3     | ziemlich.     | 9.5 | 10.5 | 9    | 10.0 | 12   | 13.3 | 13   | 14.4 | 14   | 15.5 | 12   | 13.3 | 90   | Käs. Bronch. u. Mesent. Dr. Milztuberkel.                                             |
| 3     | abgemagert.   | 9   | 10.3 | 9    | 10.3 | 12   | 14.4 | 13   | 15.6 | 14   | 16.9 | 12,5 | 15.0 | 83   | Pertussis. Kleine lobul, pneumon, Heerde,                                             |
| 3     | mager.        | 8   | 11.5 |      | 11.5 | 13   | 18.7 | 13   | 18.7 | 14   | 20.1 | 11,5 | 16.5 | 69.5 | Käs. Bronch. Dr. Frische Peribronch. u. tub. Pleur.                                   |
| 3     | gut.          | 10  | 12.2 | 10   | 12.2 | 16   | 19.5 | 16   | 19.5 | 17   | 20.7 | 14   | 17.1 | 82   | Käs. Bronch. Dr. Tub. Heerd links oben. Eczema.                                       |
| tel . |               | 9.4 | 11.6 | 9.4  | 11.5 | 13.6 | 16.8 | 13.5 | 16.7 | 14.6 | 18.1 | 12.5 | 15.5 | 81.2 |                                                                                       |

## b. Mädchen.

| 2 <sup>1</sup> / <sub>6</sub><br>2 <sup>1</sup> / <sub>3</sub><br>2 <sup>1</sup> / <sub>3</sub><br>2 <sup>3</sup> / <sub>4</sub><br>3<br>3<br>3<br>3 | gut. sehr gut. sehr mager. sehr abgem. sehr abgem. fett, kräftig. sehr schön. gut. | 9.5 10.6<br>9.5 11.3<br>9 10.6 | 7.5<br>1 9<br>1 8<br>9 9.5<br>6 10<br>1 9.5<br>9 | 11.4<br>10.8 | 13<br>13<br>12<br>15<br>13<br>14<br>14 |      | 12<br>12,5<br>11<br>12<br>13<br>13<br>14<br>12,5 | 13.4<br>13.8<br>15.5<br>14.6<br>16.9<br>14.9 | 15<br>15<br>12<br> | 14.6<br> | 13<br>12.5<br>11.5<br>12<br>14<br>13.5<br>14<br>12.5 | 13.9<br>16.6<br>15.8<br>14.0<br>13.8<br>16.6<br>15.2<br>16.9<br>14.9 | 78.5<br>79<br>82<br>87<br>84<br>89<br>83<br>83.5 | Diphtherit, Käs, Bronch. Dr. Croup, descend. Rachitis, Käs. Bronch. Dr. Käs. Peribronchit. Perit. Tub. Verbrannt. Käs. Bronch. Dr. Tumor alb. in artic. ped. Käs. Bronch. Dr. Tub. mening. et pulm. Osteomyel. Pertussis. Pneumon. croup. Mil. Tub. d. Lunge. Diphtherit. Hypertroph. cord. Grosser Kopf. Bronchit. Nephrit. desquamat. Pneum. dextr. Stark rachitisch. Grosser Kopf. |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------|--------------|----------------------------------------|------|--------------------------------------------------|----------------------------------------------|--------------------|----------|------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mtel .                                                                                                                                               |                                                                                    | 9.1 10.9                       | 9.0                                              | 10.7         | 13.2                                   | 15.8 | 12.5                                             | 15.0                                         | 14.0               | 16.9     | 12.8                                                 | 15.3                                                                 | 84.0                                             |                                                                                                                                                                                                                                                                                                                                                                                       |

# VII. 4. Lebensjahr.

| . 6                  | Allgemeiner<br>Ernährungs-<br>zustand.    | dextr.                           | Auf 100 Ctm.<br>Iliac. comm.<br>sin. | Auf 100 Ctm.                                 | Subcl. sin.           | Auf 100 Ctm | Carot. comm.           | Auf 100 Ctm. | Subel, dextr.          | Auf 100 Ctm.                                 | Carot. comm<br>dextr.    | Auf 100 Ctm                                  | Körperlänge.<br>Ctm.    | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                           |
|----------------------|-------------------------------------------|----------------------------------|--------------------------------------|----------------------------------------------|-----------------------|-------------|------------------------|--------------|------------------------|----------------------------------------------|--------------------------|----------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 m. 3—4<br>3 m. 3—4 | mittel. 1:<br>abgemagert. 1:<br>mittel. 1 | 9 10<br>0.5 10<br>2.5 13<br>1 10 | 0.3 10<br>0.8 11<br>3.6 12           | 11.1<br>11.5<br>11.3<br>13.1<br>11.7<br>12.0 | 15.5<br>-<br>16<br>14 | 17.8        | 14<br>14<br>14<br>12.5 |              | 17<br>16<br>19<br>13,5 | 15.2<br>19.5<br>16.5<br>20.7<br>13.2<br>18.1 | 13<br>13<br>17,5<br>13,5 | 13.2<br>15.0<br>13.4<br>19.1<br>13.2<br>16.8 | 87<br>97<br>91.5<br>102 | Typhus. Beiders, hypostat. Pneum, Peribronch. caseos. Verkäst. Mesent. Dr. Gr. Schä Diphtherit. Links Empyem. Stark rachitisch. Käsig. Pleur. Scarlatina. Croup. Links Pneumon. Stark rachitisch. Pertussis. Käs. Bronch. Dr |

# VIII. 5. Lebensjahr.

| 1 m.<br>2 w.<br>3 w.<br>4 w.<br>5 w. | 4 <sup>1</sup> / <sub>2</sub><br>5<br>5 | stark abgem. stark abgem. stark abgem. sehr abgem. mager. | 11<br>12<br>11 | 12.2<br>12.1<br>11.7 | 10<br>12<br>11 | 11.1<br>12.1<br>11.7 | 12<br>15<br>16 | 13.3<br>15.2<br>17.0 | 13<br>14<br>14 | 14.4<br>14.1<br>14.9 | 14.5<br>16<br>15 | 16.1<br>16.2<br>15.9 | 14<br>15<br>14 | 14<br>15.5<br>15.2<br>14.9<br>14.2 | 90<br>99<br>94 | Mening. Tub. Käs. Heerde in den Lunge<br>Coxitis. Amyloid. Degen.<br>Käs. Bronch. Dr. Mil. Tub. aller Orgar<br>Rechts Pneumon. Links Pieurit. Alte Rach<br>Alte Gonitis. Mil. Tub. d. Men., Lung., Leb. u. Mi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|-----------------------------------------|-----------------------------------------------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|------------------|----------------------|----------------|------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mittel                               | der 4                                   | Mädchen .                                                 | 11,4           | 11.8                 | 11.1           | 11.5                 | 14.5           | 15.0                 | 13.7           | 14.3                 | 14.5             | 15.2                 | 14.4           | 14.9                               | 96,2           | The state of the s |

## IX. 6. Lebensjahr.

|        |       |              |    |      |      |      |      | _    | _    |      |      |      | _    | _    |       |                                             |
|--------|-------|--------------|----|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------------------------------|
| 1 m.   | 6     | gut.         | 10 | 9.7  | 11   | 10.7 | 13   | 12.6 | 15   | 14.5 | 15,5 | 15.0 | 14.5 | 14.1 | 103   | Diphtherit. Scropb. Halsnarben.             |
| 2 m.   | 6     | sehr schön.  | 12 | 11.5 | 12   | 11.5 | 16   | 15.4 | 15   | 14.4 | 16   | 15.4 | 14.5 | 13.9 | 104   | Diphtherit, Grosser Schädel,                |
| 3 m.   | 6     | sehr schön.  |    | 10.3 |      |      |      |      |      |      |      |      |      |      |       | Croup, descend, Sonst sehr gesund,          |
| 4 m.   | 6     | sehr schön.  | 12 | 11.0 | 12   | 11.0 | 14.5 | 13.2 | 13.5 | 12.3 | 17.5 | 16.0 | 15   | 13.7 | 109.5 | Croup. descend. Alte Rachitis.              |
| 5 m.   | 6     | stark abgem. |    |      |      |      |      |      |      |      |      |      |      |      |       | Kas. Bronch.Dr. Periton u. LungTub. Alt. Ra |
| 6 m.   |       |              |    |      |      |      |      |      |      |      |      |      |      |      |       | Mening. Tub. u. Lungen-Tub.                 |
| 7 w.   | 6     | abgemagert.  | 12 | 10.8 | 12.5 | 11.2 | 15.5 | 13.9 | 15   | 13.5 | 14   | 12.6 | 14.5 | 13.0 | 111   | Erhängt, Käs. Bronch, Dr. Alte Rachi        |
| 8 w.   |       |              |    | 11.2 |      |      |      |      |      | 12.6 |      |      |      | 12.6 |       | Lob. cat. Pneumon, nach Masern.             |
|        |       | 0            |    |      | 1    |      |      |      |      |      |      | 10.0 |      |      |       |                                             |
| Mittel | der 6 | Knaben       | 11 | 10.4 | 11.6 | 11.0 | 14.3 | 13.7 | 13.6 | 12.9 | 15.9 | 15.1 | 14.2 | 13.5 | 105.7 |                                             |

## X. 7. Lebensjahr.

| 1 m.<br>2 m.<br>3 m.<br>4 m.<br>5 w.<br>6 w. | 7<br>7<br>7<br>63/4 | abgemagert.<br>kräftig.<br>sehr schön. | 14<br>15<br>12 | 11.7<br>11.9<br>12.3<br>10.9 | 15<br>14.5<br>15<br>11.5 | $12.3 \\ 12.3 \\ 10.4$ | 15.5<br>14.5<br>18<br>15 | 13.5<br>12.3<br>14.8<br>13.6 | 16.5<br>13.5<br>15.5<br>12 | 14.3<br>11.5<br>12.7<br>10.9 | 16.5<br>16<br>—<br>15 | 14 3<br>13 6<br>13.6 | 15,5<br>14<br>15<br>12,5 | 13.5<br>11.9<br>12.3<br>11.3 | 115<br>117.5<br>112.5<br>110 | Muskelabscesse, Pyaemie, Variol, haemorrhag, Mening, Exudat Caries in art, ped, Amput, Pyaemie, Croup descend, Croup descend, Sonst gesund, Diphtherit, Caries vertebr, |
|----------------------------------------------|---------------------|----------------------------------------|----------------|------------------------------|--------------------------|------------------------|--------------------------|------------------------------|----------------------------|------------------------------|-----------------------|----------------------|--------------------------|------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mittel                                       | der 4               | Knaben                                 | 13,4           | 11.4                         | 14,1                     | 12.1                   | 16.0                     | 13.7                         | 15.1                       | 13.0                         | 17.3                  | 15.1                 | 14.9                     | 12.8                         | 116.2                        |                                                                                                                                                                         |

# XI. a. 8. Lebensjahr.

| 12             |                                            |                                                   |                        |                                   |                  |                                     |                  |                                      |                |                                     |               |                      |              |                              |                      |                                                                                                                                                                      |
|----------------|--------------------------------------------|---------------------------------------------------|------------------------|-----------------------------------|------------------|-------------------------------------|------------------|--------------------------------------|----------------|-------------------------------------|---------------|----------------------|--------------|------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Geschlecht.    | Alter.                                     | Allgemeiner<br>Ernährungs-<br>zustand.            | Iliac, comm.<br>dextr. | Auf 100 Ctm.                      | Iliac. comm.     | Auf 100 Ctm.                        | Subel, sin,      | Auf 100 Ctm.                         | Carot. comm.   | Auf 100 Ctm.                        | Subel, dextr. | Auf 100 Ctm.         | Carot, comm. | Auf 100 Crm.                 | Körperlänge.<br>Ctm. | To desursache und wesentliche Krankheitsform.                                                                                                                        |
| m.<br>w.<br>w. | 8                                          | gut.<br>sehr abgem.<br>abgemagert.<br>abgemagert. | 15<br>13<br>11<br>12   | 13.1<br>10.9<br>8.9<br>10.5       | 12.5<br>10       | 8.1                                 | 12.5<br>14       | 15.0<br>10.5<br>11.3<br>13.5         | 11.5<br>13     | 14.0<br>9.7<br>10.5<br>13.1         | 16            | 15.8<br>12.9<br>13.9 | 16<br>15     | 13.1<br>13.4<br>12.1<br>13.1 | 119                  | Rechtsseit. Pneumon. (Grosser Kopf.)<br>Necros. fem. et vertebr.<br>Caries cap. fem. Resect. Periton. Amyl. Deg.<br>Diphtherit. petech. Pneumonie.                   |
| ditte          | el                                         |                                                   | 12.7                   | 10.8                              | 12.4             | 10.5                                | 14.7             | 12.5                                 | 13.9           | 11.8                                | 16.6          | 14.2                 | 15.2         | 12.9                         | 117.9                | E \$1844 24 01 0                                                                                                                                                     |
|                |                                            |                                                   |                        |                                   |                  |                                     | PE A             | t                                    | o. 9           | . Le                                | ben           | sjah                 | r.           |                              |                      | Litatini all solv                                                                                                                                                    |
| m,<br>w.       | 9                                          | ?<br>gut.<br>ziemlich.                            | 15<br>13<br>10         | 11.8<br>10.1<br>8.3               | 13               | 10.2<br>10.1<br>7.5                 | 17               | 13.4<br>13.2<br>12.1                 | 15             | 10.2<br>11.6<br>13.7                | -             | 15.0<br>-<br>15.8    | -            |                              | 127<br>129<br>120    | Mening, tub. Mil, Tub. d. Lunge,<br>Caries cubit. Amyl. Deg. Hydrothorax.<br>Pleurit, Pericardit, Halbs, gekreuzte Atroph.                                           |
| fitte          | 1                                          |                                                   | 12.6                   | 10.0                              | 11,6             | 9.3                                 | 16.1             | 12.9                                 | 14.8           | 11.8                                | -             | -                    | -            | -                            | 125.3                | Market and and a second                                                                                                                                              |
|                |                                            |                                                   |                        |                                   |                  |                                     |                  | e                                    | . 10           | ). L                                | eben          | sjah                 | r.           |                              |                      |                                                                                                                                                                      |
| m<br>m<br>w    | 10                                         | gut.<br>gut.<br>sehr abgem.                       | 14                     | 11.6<br>11.4<br>11.8              |                  | 11.2<br>11.4<br>11.8                | -                | 10.3<br>12.2                         | 16.5           | 13.8<br>13.4<br>12.2                | 17.5          | 15.1<br>—<br>—       | 16           | 14.7<br>13.0<br>12.2         | 123                  | Diphtherit. Alte Rachitis.<br>Lymphomata. Tod nach Operation.<br>Käs. Drüsen. Mil. Tub. d. Lungen.                                                                   |
| fitte          | 1                                          |                                                   | 14.0                   | 11.6                              | 13.8             | 11.4                                | -                | -                                    | 15.5           | 13.1                                | _             | -                    | 16           | 13.3                         | 120.6                |                                                                                                                                                                      |
| 1              |                                            | d. 11. Lebensjahr.                                |                        |                                   |                  |                                     |                  |                                      |                |                                     |               |                      |              |                              |                      |                                                                                                                                                                      |
| m<br>m         | 10000                                      | gut,<br>stark abgem.                              |                        | 11.5<br>11.1                      |                  | 11.5<br>10.3                        |                  | 14.6<br>15.1                         |                | 10.8<br>12.3                        |               | 15.4<br>15.9         |              | 13.8<br>12.3                 |                      | Aneurysm, cirsoid, Operat, Absc, cerebri,<br>Stark verkäste Dr. Ulc, tub, intest.                                                                                    |
| 13             |                                            |                                                   |                        |                                   |                  |                                     |                  | е                                    | . 12           | 2. Le                               | eben          | sjah                 | r.           |                              |                      |                                                                                                                                                                      |
| m<br>m<br>w    | . 12                                       | ziemlich.<br>sehr abgem.<br>desgl.                | 16<br>15<br>16         | 12.1<br>10.7<br>11.4              | 16               | 11.4<br>11.4<br>10.7                | -                | 12.1<br>11.4                         | 17             | 13.6<br>12.1<br>9.2                 |               | 15.9<br>13.6         | 16           | 13.6<br>11.4<br>10.0         | 140                  | Mil. Tub. Meningit.<br>Caries cap. fem. Meningit. tub.<br>Caries genu. Mil. Tub.                                                                                     |
| litte          | 1                                          |                                                   | 15,6                   | 11.4                              | 15.3             | 11.1                                | -                | -                                    | 16             | 11.6                                | -             | -                    | 16           | 11.6                         | 137.3                |                                                                                                                                                                      |
| 1              |                                            |                                                   |                        |                                   |                  |                                     |                  | f.                                   | . 13           | . Le                                | ben           | sjah                 | r.           | ua.                          | ijni.                | manufacture and                                                                                                                                                      |
| m              | ( ) ( ) ( ) ( ) ( ) ( )                    | mager.<br>abgemagert.                             | 18<br>14               | 12.0<br>10.8                      | 17<br>15         | 11.4<br>11.5                        | 21               | 14.0                                 | 18             | 12.0                                | 22<br>12      | 14.6<br>9.2          |              | 12.6<br>6.9                  |                      | Typhus abdom.<br>Gonarthrocace. Meningit, tub.                                                                                                                       |
| 14             |                                            |                                                   |                        |                                   |                  |                                     |                  | g                                    | . 14           | . Le                                | ben           | sjah                 | r.           |                              |                      |                                                                                                                                                                      |
| T              | 191/                                       | ?                                                 | 10                     | 11.0                              | 15               | 11.0                                | 10               |                                      |                |                                     | 13 18 1       |                      |              |                              | 197                  | Carias can fam Praamie                                                                                                                                               |
| m<br>w<br>w    | 14<br>13 <sup>1</sup> / <sub>2</sub><br>14 | mager,<br>mittel,<br>gut.<br>ziemlich,            | 16.5<br>16.5<br>16     | 11.6<br>-<br>11.4<br>13.5<br>11.1 | 14<br>15.5<br>16 | 11.0<br>9.6<br>10.7<br>13.5<br>10.8 | 18.5<br>16<br>15 | 13.1<br>12.8<br>11.1<br>12.7<br>11.5 | 14<br>15<br>17 | 11.6<br>9.6<br>10.4<br>14.4<br>11.2 | 18            | 12.4<br>15.2<br>13.3 | 15           | 10.3<br>10.7<br>12.7<br>10.8 | 144.5<br>118         | Caries cap. fem. Pyaemie, Enteritis, Tod durch Quetschung. Pyaemie, Erhängt. Lymphosarcom. retroperit. Alte Rachit. Käs. Mil. u. Bronch. Dr. Phthis, pulm. Mil. Tub- |
|                |                                            |                                                   |                        |                                   |                  |                                     |                  | The second second second             |                |                                     |               |                      |              |                              |                      |                                                                                                                                                                      |

# XII. 15. Lebensjahr.

a. männlich.

| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac. comm, | Auf 100 Ctm. | Iliac, comm. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot, comm, | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Körperlänge, | Todesursache<br>und<br>wesentliche Krankheitsform. |
|-----|--------|----------------------------------------|-------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|----------------------------------------------------|
| 1   | 141/2  | abgemagert.                            | 18.5        | 12.2         | 19           | 12.6         | 19              | 12.6         | 18           | 11.9         | 20            | 13.2         |              | 11.2         | 151          | Typh. abdom,                                       |
| 2   | 14     |                                        | 15          | 10.3         | 15.5         | 10.6         | 16,5            | 11.3         | 15.5         | 10.6         | 21            | 14.4         | 17           | 11.6         | 146          | Typh, abdom.                                       |
| 3   | 15     | sehr mager.                            | 17          | 12.2         |              | 10.8         |                 | 11.5         |              | 11.5         |               | 16.5         |              | 11.5         | 139          | Mil. Tub. d. Lunge, des Periton. u. d. Niere       |
| 4   | 15     | _                                      | 16          | 11.4         | 14           | 10.0         | 18              | 12.9         | 15           | 10.7         | 17            | 12.1         | 15           | 10.7         | 140          | Elephant, extrem, infer, sin, Ligatur, Pyaemi      |
| 5   | 15     | _                                      | 16          | 11.3         |              | 12.0         |                 | 12.0         |              | 12.0         |               | 14.1         |              | 12.0         |              | Phthis, pulm. Ulc. intestin.                       |
| -   |        |                                        |             |              |              |              |                 |              |              |              |               |              |              |              |              |                                                    |
| Mi  | ttel . |                                        | 16.5        | 11.5         | 16.1         | 11.2         | 17.3            | 12.0         | 16.3         | 11.3         | 20.2          | 14.0         | 16.4         | 11.4         | 143.6        |                                                    |

## b. weiblich.

| 1 2 3 | 15<br>15<br>15 | mittel. | 13   | 11.7<br>8.8<br>10.3 |      | 11.0<br>8.8<br>10.0 | 16 | 11.7<br>10.9 | 14   | 11.3<br>9.5<br>10.0 | 18   | 13.1<br>12.2<br>12.0 | 13   | 11.7<br>8.8<br>10.3 | 147   | Diphtheritis. Pub. entwickelt. Diabet mellit. Acute mil. Tub. fast sämmtl. Organ. Pub. entv |
|-------|----------------|---------|------|---------------------|------|---------------------|----|--------------|------|---------------------|------|----------------------|------|---------------------|-------|---------------------------------------------------------------------------------------------|
| Mi    | ttel .         |         | 15.2 | 10.3                | 14.6 | 9.9                 | -  | -            | 15.2 | 10.3                | 18,5 | 12.4                 | 15.2 | 10.3                | 147.3 |                                                                                             |

# XIII. 16. Lebensjahr.

## a. männlich.

| 1<br>2<br>3<br>4<br>5<br>6<br>7 | 16<br>16<br>16<br>16<br>16 | mittel,<br>mittel,<br>mager.<br>sehr mager.<br>mager.<br>sehr mager.<br>gut. | 17<br>16<br>18<br>17<br>—<br>16.5 | 10.1<br>11.2<br>10.3<br>11.0<br>12.0 | 16<br>16.5<br>19<br>18<br>17.5<br>18 | 10.5<br>10.6<br>11.6<br>12.7<br>10.7<br>11.5 | 16<br>18<br>19<br>19<br>17<br>18 | 10.5<br>11.6<br>11.6<br>13.4<br>10.4<br>11.5 | 17<br>16<br>19<br>17<br>20<br>17 | 11.6<br>12.0<br>12.2<br>10.9 | 20<br>19<br>21,5<br>24<br>20 | 11.9<br>12.9<br>11.6<br>15.1<br>14.6<br>12.8 | 17,5<br>16,5<br>19<br>18<br>16<br>16 | 10.6<br>11.6<br>12.7<br>9.7<br>11.5 | 152<br>155<br>164<br>142<br>164<br>156 | Phthis, pulmon. Pub. entwickelt. Typhus. Käs. Bronch. Dr. Pub. nicht. ent Typhus, Pubert. entwickelt. Typhus. Lobul. Pneum. Pub. stark entwic Ostit, necrot. in art. pedis. Pub. nicht ent Coxitis. Resection. Pubertät entwickelt. Acute Tubere. 4. recht. Lunge. Caverne. Alle Rach. Pub. en Phthis, pulm. Arment. caverie. |
|---------------------------------|----------------------------|------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|----------------------------------------------|----------------------------------|----------------------------------------------|----------------------------------|------------------------------|------------------------------|----------------------------------------------|--------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8<br>M                          | ittel .                    |                                                                              | 13                                | 9.3                                  |                                      | 10.0                                         |                                  | 12.2                                         |                                  | 11.4                         |                              | 12.9                                         |                                      | 11.4                                | 155.1                                  | Phthis, pulm. Amput, cruris,                                                                                                                                                                                                                                                                                                  |

| 1 2 | 153/4<br>16 | =          | 13 | 8.9 13 | 8.9 -  | 12.1 18 | 109 19  | 11.5 21 | - 146<br>12.7 165 | Caries tarsi. Käs. Bronch. De<br>Phthisis pulmon. |
|-----|-------------|------------|----|--------|--------|---------|---------|---------|-------------------|---------------------------------------------------|
| -   | 10          | Colonia II | 10 | 3.1 10 | 3.6 20 | 12.1 10 | 10.9 19 | 11.0 21 | 12.6 100          | r uruisis buimon.                                 |

# XIV. 17. Lebensjahr.

## a. männlich.

| Alter.         | Allgemeiner<br>Ernährungs-<br>zustand. | niac, comm. | Auf 100 Ctm.        | Iliac, comm.<br>sinistr. | Auf 100 Ctm          | Subcl. sinistr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm.         | Subel, dextr. | Auf 100 Ctm. | Carot. comm.<br>dextr. | Auf 100 Ctm. | Körperlänge<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.                                                   |
|----------------|----------------------------------------|-------------|---------------------|--------------------------|----------------------|-----------------|--------------|--------------|----------------------|---------------|--------------|------------------------|--------------|---------------------|------------------------------------------------------------------------------------------------------|
| 17<br>17<br>17 | mager.<br>sehr mager.                  | 13          | 13.1<br>9.1<br>10.8 | 15                       | 11.2<br>10.5<br>11.1 | -               |              | 19           | 10.0<br>13.3<br>11.7 | 20,5<br>19    | 14.3<br>11.4 |                        | 11.9<br>11.1 |                     | Typhus abdom,<br>Gebirntuberc, Ostitis tub, vertebr, Tub, pulm, Pub, nicht entw.<br>Fractur, cranii, |
| ttel .         |                                        | 17.3        | 11.0                | 17.1                     | 10.9                 | -               | -            | 18.1         | 11.6                 | -             | -            | -                      | -            | 156.6               |                                                                                                      |

# b. weiblich.

|     | 17<br>17<br>17<br>17 | sehr abgem.  abgemagert, mager. | 14<br>16 | 9.4<br>11.2<br>13.4 | 15<br>16 | 10.4<br>10.1<br>11.2<br>11.4 | 17<br>16.5 | 12.2<br>11.4<br>11.6<br>12.7 | 16<br>15 | 10.1<br>10.7<br>10.5<br>11.4 | 21<br>21 |      | 15<br>15.5 | 10.4<br>10.1<br>10.9<br>12.1 | 149<br>142,5 | Phthisis pulm, Ostcomyelit, Fettdegenerat, des Herzens, Pleuropneum, lob. inf, sin, Pub. schwachentw, Sarcoma antibrach, Amputat, Sarc. pulm, Pub. gut entw. |
|-----|----------------------|---------------------------------|----------|---------------------|----------|------------------------------|------------|------------------------------|----------|------------------------------|----------|------|------------|------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.6 | ttel                 | <br>                            | 16.6     | 11.3                | 16.2     | 10.8                         | 18.1       | 11.9                         | 16.1     | 10.7                         | 20.0     | 13.3 | 16.4       | 10.9                         | 150,9        |                                                                                                                                                              |

## XV. 18. Lebensjahr.

## a. männlich.

| 18<br>18<br>18<br>18<br>18<br>18<br>18 | ziemlich gut. | 20<br>19<br>19 | 8.9<br>11.6<br>11.9<br>11.4<br>10.1<br>13.7<br>11.5 | 20<br>19<br>19<br>17<br>22 | 8.4<br>11.6<br>11.9<br>11.4<br>10.4<br>14.4 | 21<br>21.5<br>22<br>18<br>21 | 10.8<br>12.1<br>13.5<br>13.2<br>11.0<br>13.7<br>12.8 | 17<br>18<br>17<br>18.5<br>17 | 9.8<br>11.3<br>10.2 | 20<br>23<br>22.5<br>26<br>20 | 11.1<br>11.6<br>14.5<br>13.6<br>16.0<br>13.1<br>12.2 | 17<br>19<br>20<br>20<br>17 | 9.3<br>9.8<br>11.9<br>12.0<br>12.3<br>11.1<br>10.8 | 173<br>159<br>166<br>163<br>153 | Phthisis pulm. Typhus. Links Pneumonie. Necrosis tarsi. Sarcoma epistroph. Käs. Lymphdr. u. käs. Phthis. pulm. Pub. mässig entwickelt. Käs. Bronch. Dr. Caries in art, ped. Caries vertebr. coll. Amyl. Deg. |
|----------------------------------------|---------------|----------------|-----------------------------------------------------|----------------------------|---------------------------------------------|------------------------------|------------------------------------------------------|------------------------------|---------------------|------------------------------|------------------------------------------------------|----------------------------|----------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ttel .                                 |               | 18.2           | 11.3                                                | 18.5                       | 11.3                                        | 20.1                         | 12.4                                                 | 16.9                         | 105                 | 21.1                         | 13.1                                                 | 17.8                       | 11.0                                               | 161.3                           |                                                                                                                                                                                                              |

|         | abgemagert,<br>schön,<br>s. stark abgem,<br>ziemlich gut. | 18<br>17 | 11.5<br>10.5 | 19<br>19 | 12.2<br>11.6 | 17 | 10.9 | 18<br>15<br>17 | 9.1  | 20<br>—<br>15 | 12.8<br>-<br>9.9<br>13.4 | 18   | 11.8 | 156<br>164<br>152 | Phthis. pulm. Pub. entwickelt, Peritonit. puerperal. Caries astrag. Käs. Bronch, u. Mes. Dr. Coxitis. Resect. cap. fem. Caries ped. Phthisis pulmon. |
|---------|-----------------------------------------------------------|----------|--------------|----------|--------------|----|------|----------------|------|---------------|--------------------------|------|------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ittel . |                                                           | 17.1     | 10.7         | 17.6     | 10.9         | 18 | 11.4 | 16.7           | 10.5 | 18.6          | 12.0                     | 17.3 | 11.1 | 159               |                                                                                                                                                      |

# XVI. 19. Lebensjahr.

## a. männlich.

| Nr.               | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Diac. comm. dextr.   | Auf 100 Ctm.                 | Diac, comm. | Auf 100 Ctm.                 | Subel, sinistr. | Auf 100 Ctm.        | Carot. comm. | Auf 100 Ctm.        | Subel, dextr. | Auf 100 Ctm.      | Carot, comm. | Auf 100 Ctm | Körperlänge.<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform,                                                         |
|-------------------|--------|----------------------------------------|----------------------|------------------------------|-------------|------------------------------|-----------------|---------------------|--------------|---------------------|---------------|-------------------|--------------|-------------|----------------------|------------------------------------------------------------------------------------------------------------|
| 1<br>2<br>3<br>-4 | 19     | =                                      | 19<br>22<br>18<br>17 | 11.3<br>12.4<br>10.3<br>11.2 | 20<br>20    | 11.9<br>11.3<br>11.5<br>10.5 | 23              | 8.9<br>13.2<br>12.5 | 18           | 8.9<br>10.3<br>12.8 | =             | 11.9<br>_<br>13.2 | =            |             | 177<br>174           | Phthisis pulmonum. Phthisis pulmonum. Hypertroph. cord. Nephritis. Phthisis pulm. Nephritis chron. Amyl. D |
| Mi                | ttel . |                                        | 19                   | 11.3                         | 19          | 11.3                         | 19              | 11.5                | 17,5         | 10.6                | -             | -                 | -            | -           | 167.7                |                                                                                                            |

## b. weiblich.

| 2  |     | 19  | abgem<br>-<br>kräftig. | 18   | 11.5 | 19   | 12.1 | 17 | 10.8 | 16   | 10.2 | 18   | 11.5 | 16 | 10.2 | 157   | Phthis. pulmon, Pleuritis. Nephrit. acut. Peritonit. puerperal. Sehr gesund. |
|----|-----|-----|------------------------|------|------|------|------|----|------|------|------|------|------|----|------|-------|------------------------------------------------------------------------------|
| Mi | tte | 1 . | <br>                   | 18.6 | 11.3 | 18.8 | 11.4 | 19 | 11.5 | 16.6 | 10.1 | 20.3 | 12.3 | -  | -    | 164.6 |                                                                              |

# XVII. 20. und 21. Lebensjahr.

## a. männlich.

| _   |        |                 |      |      |      |      |      |      |      |      |      |      |      |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|--------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 20     | mager.          | 20.5 | 11.6 | 22   | 12.4 | 20   | 11.3 | 18.5 | 10.4 | 22   | 12.4 | 19   | 10.7 | 177   | Phthis, pulmon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2   | 20     | sehr schön.     | 20   | 11.3 | 22   | 12.5 | 21   | 11.9 | 17   | 9.7  | 22   | 12.5 | 17.5 | 9.9  | 176   | Typh. abdom. Sehr blutreicher Körper.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3   | 20     | kräftig.        | 18   | 10.9 | 19   | 11.5 | 23   | 14.0 | 19   | 11.5 | 22   | 13.3 | 20   | 12.1 | 165   | Pneumonie,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4   | 20     | _               | 21   | 12.7 | 21   | 12.7 | 23   | 13.9 |      | 12.0 |      | 13.3 | 17   | 10.2 | 166   | Ac. eitr. Gonitis. Pyaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5   | 20     | _               | 20   | 12.1 | 20   | 12.1 | _    |      | _    | _    | -    |      | _    |      | 165   | Phthis, pulm. Uic. intest.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6   | 20     | _               |      | 13.5 |      | 12.9 | -    | _    | -    | -    | -    | -    | -    | -    | 171   | Phthis, pulmon,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7   | 20     | kräftig.        | 21   | 12.9 | 20.5 |      |      | 11.6 | 15   | 9.2  |      | -    | 17   | 10.4 | 163   | Herpia incarc. Peritonit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8   | 20     | _               | 19   | 10.9 |      | 12.0 |      | 10.9 |      | 9.7  |      | 10.9 | 16   |      | 175   | Typhus abdom,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9   | 20     | -               | 17   | 10.4 |      | 9.2  |      | 10.4 |      | 11.0 |      |      | -    |      | 163   | Phthis, pulmon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10  | 21     | schön, kräftig. | 17   | 9.7  |      | 9.2  |      | 9.2  |      | 10.3 |      | -    | -    | -    | 175   | Phthis, pulmon, Peribronchit,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11  | 21     | zieml. mager.   |      | 11.5 |      | 12.1 |      |      |      | 10.6 |      | 12.1 | 21   | 12.1 | 174   | Croup. laryng, Gehirnödem, R. ob. Peribro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12  | 21     |                 | 22   | 13.2 |      | 12.0 |      | 12.0 |      | 13.2 |      | 13.2 |      | 12.6 |       | Typhus abdom.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|     |        |                 |      | -    |      |      |      |      |      | 1012 |      |      |      | -    |       | MARKET BY A STATE OF THE PARTY |
| Mit | ttel . |                 | 19.9 | 11.7 | 19.9 | 11.7 | 19,8 | 11.7 | 18,3 | 10.7 | 21.4 | 12.5 | 18,5 | 10.9 | 169,7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| 1 20<br>2 20<br>3 20<br>4 20<br>5 21<br>6 21<br>7 21<br>8 21 | sehr gut. | 17<br>27<br>16<br>20<br>15,5<br>14<br>14 | 10.6<br>17.8<br>10.1<br>12.4<br>9.7<br>10.1<br>9.0 | 17<br>26<br>15<br>21<br>17<br>14<br>15 | 12.7<br>10.6<br>17.1<br>9.5<br>13.0<br>10.6<br>10.1<br>9.7 | 16<br>18<br>17<br>21<br>20<br>16 | -    | 18<br>15<br>15<br>18<br>15<br>16.5 | 12.7<br>11.3<br>9.9<br>9.5<br>11.2<br>9.4<br>11.9 | 17<br> | 10.6<br>-<br>13.6<br>13.2<br>13.7 | 15<br>15<br>18<br>17.5<br>17 | 9.4<br>9.9<br>11.2<br>11.0<br>12.3 | 159<br>138<br>155 | Typhus abd. Links unten Pneumonie. Phthis. pulm. Caries metatars. Pericardit acut. Pyothorax. Phthis. pulm. Otitis. Meningit. Absc. cerebr. Combustio. Eclamps. parturient. Phthis. pulmonum. |
|--------------------------------------------------------------|-----------|------------------------------------------|----------------------------------------------------|----------------------------------------|------------------------------------------------------------|----------------------------------|------|------------------------------------|---------------------------------------------------|--------|-----------------------------------|------------------------------|------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9 21                                                         | -         | 13                                       | 8.6                                                | -                                      | -                                                          | 18                               | 11.8 | 15                                 | 9.9                                               | Tel    | -                                 | -                            | -                                  | 152               | Stenos mitral.                                                                                                                                                                                |
| Mittel .                                                     |           | 17.4                                     | 11.2                                               | 18,1                                   | 11.6                                                       | 18.2                             | 11.8 | 16.5                               | 10.7                                              | 20.5   | 13.2                              | 16.5                         | 10.7                               | 154.7             |                                                                                                                                                                                               |

XVIII. 22. bis 25. (incl.) Lebensjahr.

ä. männlich.

|   | 1700   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | 4            | -31-11       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                      | de la la constante de la const |               |              |              |                                         | -                    |                                                     |
|---|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|-----------------------------------------|----------------------|-----------------------------------------------------|
| - | Alter. | Allgemeiner<br>Ernährungs-<br>zustand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Hiac, comm. | Auf 100 Ctm. | Iliac. comm. | Auf 100 Ctm. | Subcl. sin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Auf 100 Ctm. | Carot. comm.<br>sin. | Auf 100 Ctm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Subcl. dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm.                            | Körperlänge.<br>Ctm. | To desursache<br>und<br>wesentliche Krankheitsform. |
| 1 | 22     | stark abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 19.5        | 115          | 185          | 10.9         | 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12.9         | 17                   | 10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 96            | 15.3         | 17           | 10.0                                    | 170                  | Phthis, pulm. Ulc. intestin.                        |
|   | 22     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21          | 12.1         |              | 11.6         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12.1         |                      | 9.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | 13.3         | 1883         | 9.8                                     |                      | Phthis, pulm. Periton, Tuberc,                      |
|   | 22     | mittel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17          | 200000       | 1000         | 10.7         | 133                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.2         |                      | 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 15.3         |              | 10000                                   | 163.5                | Acut. käs. Phthis. Verkäs. d. Lymphdr.              |
|   | 22     | The state of the s | 20          | 11.6         | 183          | 11.0         | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14.0         | 0.007                | 9.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DOM:          | 14.0         | 50.35        | 11.0                                    | 104307               | Caries vertebr. coll. et thor. Peribronch. cas.     |
|   | 22     | schön.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 23          | 12.9         | 11000        | 12.3         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12.3         | 200                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 24.5          | 101000109    | 2000         | 10.4                                    | 7730                 | Strict, urethr. Hydronephr. Hypertroph, cord.       |
|   | 22     | abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 17.5        | 11.2         | The state of | 11.2         | TO STATE OF THE PARTY OF THE PA | 12.5         | 000                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 19.5          | 58000000     | 1000         | 10.2                                    | 25500 0              | Caries vertebr. lumb. Pigment. Indur. d. Lungensp.  |
|   | 22     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -           | 10.4         |              | 11.8         | 320 . 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13.9         | 933                  | 13.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2200          | 15.4         |              | 12.1                                    | 35832                | Phthis, pulm. Verbreitete Mil. Tub.                 |
|   | 22     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18          | 11.5         |              | 12.1         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15.3         |                      | 12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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Frische Peribronchit.             |
|   | 213/4  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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Polypionia.                      |
| 1 | 22     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                           | _             | _            | 19           | 10.4                                    | 1000000              | Abscess colli femor, Pyaemie,                       |
| - | 22     | sehr gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                                                                                                                                                                                                                                           | _             | _            | 19           | 10.7                                    |                      | Pleuropneumonie.                                    |
| 1 | 22     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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Pyaemie,                         |
| , | 23     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                                                                                                                                                                                                                                           | 100 /         | 10000        | 18           | 11.2                                    | 75.7                 | Phthis. pulm. cas. Cavern.                          |
| 1 | 23     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20          | 12.4         |              | 11.2         | 17.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                           | _             | _            | _            | _                                       | 161                  | Typhus abdom.                                       |
| 1 | 23     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                           | 20            | 11.8         | 17           | 10.0                                    | 170                  | Phthis, pulm. Perityphlitis.                        |
| 1 | 23     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                           | _             | _            | -            | _                                       | 187                  | Phthis. pulm. Mil. Tub.                             |
| 3 | 24     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 21          | 12.3         | Marin I      | 12.3         | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                                                                                                                                                                                                                                                           | 22            | 12.9         | 18           | 10.6                                    | 170                  | Meningit. tub. Peribronchit, tub.                   |
| 1 | 24     | sehr kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                           | 100           | 11.5         | 0.000        | 10.9                                    | 12000                | Typh, abdom.                                        |
| 1 | 24     | abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                                                                                                                                                                                                                           | 21.5          | 11.8         |              | 9.8                                     | 183                  | Phthis, pulm, Ulc, laryng, et intest,               |
|   | 24     | gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                                                                                                                                                                                                                                                           |               | 12.3         |              | 100000                                  | 162                  | Typh. exanthem. M. Bright. Gehirnblutung.           |
| 5 | 24     | s. schön, kräft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18          | 10.4         | 19.5         | 11.3         | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                           | 25            | 1000000000   | 18           | 10.4                                    | 173                  | Phthis, pulm. Sehr blutreicher Körper.              |
| 5 | 24     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                           | 25            | 15.8         | 18           | 11.4                                    | 158                  | Typh. abdom. Eitr. Pleurit, Lobul. Pneum.           |
| 1 | 24     | s. st. abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                           | 18            | 10.1         | 15           | 8.4                                     | 178.5                | Phthis. pulm. Ulc, intest. Amyl. Degen.             |
| 2 | 24     | sehr mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18,5        | 11.2         | 18           | 10.9         | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                                                                                                                                                                                                                                                           | 21.5          | 13.0         | 21           | 12.7                                    | 165                  | Chron, Periton, Tub, Pneumonie.                     |
|   | 24     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                           | 18            | 10.2         | 19           | 10.7                                    | 177                  | Phthis, pulm. Mil. Tub.                             |
| - | 24     | kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                                           | 20            | 11.6         | -            | -                                       | 173                  | Typhus abdom.                                       |
| 5 | 25     | kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                                           | 29            | 16.6         | 18           | 10.3                                    | 174.5                | Typhus abdom.                                       |
| 2 | 25     | mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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                                                                                                                                                                                                                                                           | 25            | 14.4         | 17           | 9.8                                     | 173                  | Acut, Phthis, pulm. cas.                            |
| 2 | 25     | kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                                           | 20            | 11.9         | 16           | 9.5                                     | 168                  | Hernia incarc, op. Sehr gesund.                     |
| 2 | 25     | mittelkräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                           | 29            | 17.6         | 22           | 13.4                                    | 164.5                | Typhus abdom.                                       |
| - | 25     | s. st. abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -           | -            | -            | -            | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9.6          | 17                   | 9.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24            | 13.6         | 17           | 9.6                                     | 177                  | Phthis, pulm. Verkäs. d. Mes. u. Retrop. Dr.        |
| - | 25     | mittel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19          | 11.9         | 19           | 11.9         | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10.7         | 14                   | 8.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18            | 11.3         | 14           | 8.8                                     | 158.5                | Stenos u, Insuff. mitral,                           |
| - |        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20          | 12.3         | 20           | 12.3         | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13.0         | 20                   | 12.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -             | -            | 20           | 12.3                                    | 162                  | Insuff, valv. aort. Hypertroph. cord.               |
| - |        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 19          | 11.4         | 15000        | 10.8         | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13.8         | 19                   | 11.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 30            | 18.0         | 1225         | 12.0                                    |                      | Amputat. humeri. Pyaemie.                           |
| - | 25     | gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22          | 12.4         | 20           | 11.3         | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11.8         | 17                   | 9.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22            | 12.4         | 19           | 10.7                                    | 177                  | Abscess hepat, et cerebr.                           |
| 1 | ttel . |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20,0        | 11.7         | 19.9         | 11.7         | 21.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12.4         | 17.6                 | 10.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22.8          | 13.4         | 18,1         | 10.6                                    | 170.4                |                                                     |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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                                                                                                                                                                                                                                                           |               |              |              |                                         |                      |                                                     |
|   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -           |              | 100          |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100          | 1/                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *             | 1            |              | 0                                       |                      |                                                     |

# XVIII. 22. bis 25. (incl.) Lebensjahr.

| Nr. | A lter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac, comm. dextr. | Auf 100 Ctm. | Diac, comm. | Auf 100 Ctm. | Subel. sinistr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm | Körperlänge.<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|---------|----------------------------------------|--------------------|--------------|-------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|-------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |         |                                        |                    | 14           |             |              |                 |              |              |              |               |              |              |             |                      | THE RESERVE OF THE PARTY OF THE |
| 1   | 22      | mittel.                                | 18                 | 11.8         | 19          | 12.5         | -               | -            | 17           | 11.2         | 23            | 15.1         | 18           | 11.8        | 152                  | Käs, Periton, Tuberc, Ulc, intest,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2   | 22      | mager.                                 | 19                 | 11.8         | 17          | 10.5         | 17              | 10.5         | 16.5         | 10.2         | 17.5          | 10.8         | 20           | 12.4        | 161                  | Allgem. Mil. Tuberc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3   | 23      | sehr gut.                              | 20                 | 12.5         | 18          | 11.2         | 18              | 11.2         | 17           | 10.6         | 20            | 12.5         | 18           | 11.2        | 160                  | Typhus abdomin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4   | 23      | sehr kräftig.                          | 19.5               | 12.5         | 18          | 11.5         | 19              | 12.2         | 17           | 10.9         | 25            | 16.0         | 16           | 10.2        | 156                  | Erwürgt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5   | 23      | -                                      | 22                 | 13.9         | 19          | 12.2         | -               | -            | -            | -            | -             | -            | -            | -           | 158                  | Peritonit, puerperal,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6   | 23      | sehr fett.                             | 21                 | 12.7         | 22          | 13.3         | -               | -            | _            | _            | -             | -            | -            | -           | 165                  | Multiple Neurome, Septicaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7   | 24      | sehr schön.                            | 19                 | 12.0         | 18          | 11.3         | -               | _            | -            | -            | -             | -            | -            | -           | 159                  | Typhus abdom.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8   | 24      | gut.                                   | 21                 | 12.5         | 19,5        | 11.6         | 21              | 12.5         | 14.5         | 8.6          | 22            | 13.1         | 17           | 10.1        | 168                  | Isuff. valv. mitral, et aort.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9   | 24      | abgemagert.                            | 17                 | 11.3         | 16          | 10.6         | 18.5            | 12.3         | 17           | 11.3         | 20            | 13.3         | 17           | 11.3        | 150                  | Interstit. Indur. d. Lungen. Bronchectat. Car                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10  | 24      | abgemagert.                            | 19                 | 12.1         | 19          | 12.1         | 13              | 12.7         | 14           | 8.9          | 20            | 12.7         | 17           | 10.8        | 157.5                | Phthis. pulm. Ulc. laryng. et intestin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11  | 24      | abgemagert.                            | 18                 | 11.6         | 17.5        | 11.2         | 21.5            | 13.8         | 18           | 11.6         | 21            | 13.5         | 16           | 10.3        | 155.5                | Phthis. pulm. Peribronch. nod. Ulc. laryng<br>intestin. Synech. pericard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 12  | 24      | stark abgem.                           | 16                 | 9.9          | 15          | 9.3          | 18              | 11.2         | 13.5         | 8.4          | 16            | 9.9          | 13           | 8.1         | 161                  | Total verküste Niere.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 13  | 25      | stark abgem.                           | 18                 | 10.6         | 18          | 10.6         | 18,5            | 10.9         | 17.5         | 10.3         | 22            | 12.9         | 18           | 10.6        | 170                  | Phthis. pul. Käs. Peribronch. Cay, Ulc. intes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 14  | 25      | sehr kräftig.                          | 17                 | 10.5         | 18          | 11.1         | 21              | 13.0         | 17           | 10.5         | 21            | 13.0         | 17           | 10.5        | 161.5                | Endocardit. Dilat, ventr. sin. Embol. cereb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 15  | 25      | 1102000                                | 18.5               | 11.9         | 18          | 11.5         | 21              | 13.5         | 17           | 10.9         | 23            | 14.7         | 19           | 12.2        | 156                  | Phthis. pulm. cas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|     |         |                                        | 1                  |              | 1           |              |                 |              |              |              |               | N. S.        | 1            | I TO        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mi  | ttel .  |                                        | 18,8               | 11.8         | 18.1        | 11.4         | 19.4            | 12.1         | 16.3         | 10.3         | 20.8          | 13.1         | 17.1         | 10.8        | 159.6                | THE STATE OF THE S |
|     |         |                                        |                    | -            | 100         | -            |                 | 12/3         | 4            |              | River.        | 500          | 14           |             | 1                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## XIX. 26. bis 30. Lebensjahr.

## a. männlich.

| 100                                       |        |                                        |             | -            | A COLUMN | -           | The Party Lies | V-1074   |                          | publica. | _          |          | _                      | -        |              |                                                                            |
|-------------------------------------------|--------|----------------------------------------|-------------|--------------|----------|-------------|----------------|----------|--------------------------|----------|------------|----------|------------------------|----------|--------------|----------------------------------------------------------------------------|
| N. S. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac. comm. | Auf 100 Ctm. | c. comm. | uf 100 Ctm. | ol. sinistr.   | 100 Ctm. | Carot, comm,<br>sinistr. | 100 Ctm. | cl. dextr. | 100 Ctm. | Carot. comm,<br>dextr. | 100 Ctm. | Körperlänge. | Todesursache<br>und                                                        |
|                                           | Jahr.  | zustanu,                               | Ilia        | Auf          | Iliac.   | Auf         | Subel,         | Auf      | Carc                     | Auf      | Subcl.     | JnV      | Carc                   | Auf      | Kön          | wesentliche Krankheitsform.                                                |
| 1                                         |        |                                        |             |              |          |             | -              |          |                          |          |            |          |                        |          |              |                                                                            |
|                                           | 26     |                                        | 18          | 10.3         |          | 11.5        | 1000           | 11.5     |                          | 9.2      |            | 13.2     | 1983 P                 |          | 174          | Acute knot. Peribronchitis.                                                |
|                                           | 26     | ziemlich gut.                          | -           | 1            | 20       | 11.5        | 21.5           | 12.4     | 1000                     | 11.5     | 123        | 12.1     | 1900                   | 12.9     | 100          | Phthis, pulm. Ulc, intestin,                                               |
|                                           | 26     | mager.                                 | 22          | 13.4         | 100      | 13.4        | -              | 185 63   | 18                       | 11.0     | 123        | 14.3     | HE SOL                 | 10.4     | 140000       | Typh, exanthem, Gangraenesc. Pneumonie,                                    |
|                                           | 26     | _                                      | 21          |              |          | 11.9        |                | 11.1     | 82.                      | 8.9      |            | 12.8     | 313                    | 1        | 180          | Chron, käs, Phthis, pulm. Mil. Tub.                                        |
|                                           | 26     | abgemagert.                            | 22          | 12.1         | 100      | 11.5        | 1500           | 11.0     |                          | 11.0     |            |          | 20,5                   | 11.3     |              | Verkäsung d. Lymphdr. Tuberc.                                              |
|                                           | 26     | abgemagert.                            | 19          | 10.6         |          | 12.3        | 1882           | 11.2     | 1200                     | 0.74     | 20         | 11.2     |                        | 8.9      | 179          | Amput, fem. Mil. Tub. Eitr. Gonarthrit.                                    |
|                                           | 27     | sehr kräftig.                          | 22          | 13.1         | 100      | 12.5        | 10.00          | 12.5     | 73/2                     | 11.3     | 23         | 13.7     | 18                     | 10.7     | 168          | Cyankalivergiftung.                                                        |
|                                           | 27     | sehr abgem.                            | 19          | 11.3         | 19       | 11.3        | 20             | 11.9     | 21                       | 12.5     | 24,5       | 14.6     | 21                     | 12.5     | 168          | Phthis, pulm, Bronchectat, Cav, in indur, Lunge.                           |
|                                           | 27     | stark abgem.                           | 19          | 11.6         | 19       | 11.6        | 23             | 14.0     | 15.5                     | 9.4      | 17         | 10.4     | 16                     | 9.7      | 164          | Tobsucht.                                                                  |
| 1                                         | 27     | -                                      | 19          | 11.7         | 19       | 11.7        | 19             | 11.7     | 18                       | 11.0     | 20         | 12.3     | 17                     | 10.4     | 163_         | Phthis, pulm, Amyl, Degen,                                                 |
| 1                                         | 27     | -                                      | 19          | 11.5         | 18       | 10.9        | -              | -        | -                        | -        | -          | -        | -                      | -        | 165,5        | Caries genu. Peribronchit. nodos. Käs. Bronch. u.<br>retroperiton. Drüsen. |
| 1                                         | 27     | -                                      | 19          | 10.6         | 18       | 10.0        | 21             | 11.7     | 18                       | 10.0     | 25         | 13.9     | 17                     | 9.4      | 180          | Rechtsseit, Empyem, Synechia pericard,                                     |
| 1                                         | 28     | sehr kräftig.                          | 20          | 11.1         | 19.5     | 10.9        | 24             | 13.4     | 19.5                     | 10.9     | 26         | 14.5     | 19.5                   | 10.9     | 179          | Typhus, abdom.                                                             |
| 1                                         | 28     | abgemagert.                            | 20          | 11.6         | 20       | 11.6        | 22             | 12.8     | 18.5                     | 10.7     | 24         | 14.0     | 19                     | 11.0     | 172          | Phthis pulmon. Interstit. Verdichtg. Cav. Ulc.<br>intest. Käs. Halsdrüsen. |
| 1                                         | 28     | mittel.                                | 21          | 12.8         | 21       | 12.8        | 23             | 14.0     | 18                       | 11.0     | 23         | 14.0     | 18.5                   | 11.3     | 164          | Hernia incarc. Operat. Peritonitis.                                        |
| 1                                         | 28     | äusserst kräft.                        | 25          | 14.1         | 24       | 13.6        | 20             | 11.3     | 15.5                     | 8.7      | 22         | 12.4     | 15                     | 8.5      | 177          | Erhängt. Potator.                                                          |
| 1                                         | 28     | sehr kräftig.                          | 22          | 13.5         | 25       | 15.3        | 20             | 12.3     | 18                       | 11.0     | -          | -        | 18.5                   | 11.3     | 163          | Erhängt. (Gesund).                                                         |
| 1                                         | 28     | t weather                              | 20          | 12.0         | 18,5     | 11.1        | 25             | 15.0     | 18                       | 10.8     | 23         | 13.7     | -                      | -        | 167          | Phthis, pulm, Pneumothorax, Ulc. intestin,                                 |
| 1                                         | 28     | -                                      | 22          | 12.8         | 22.5     | 13.1        | -              | -        | -                        | _        | -          | -        | -                      | _        | 172          | Tubercul. Ostitis in art. ped. Peribronchit. cas.                          |
| -                                         | 28     | mässig.                                | 20          | 11.4         | 21       | 11.9        | 21             | 11.9     | 20                       | 11.4     | 23         | 13.1     | 18                     | 10.2     | 176          | Pyaemie nach Amputat. wegen complic. Fractur.                              |
| 50                                        | 29     | gut.                                   | 26          | 15.5         | 25       | 15.0        | 22             | 13.2     | 19                       | 11.4     | 27         | 16.2     | 19                     | 11.4     | 167          | Insuff. valv. aort. Hypertroph. cord.                                      |
| 500                                       | 29     | kräftig.                               | 22.5        | 13.2         | 23       | 13.5        | 25             | 14.7     | 20                       | 11.8     | 31         | 18.2     | 20                     | 11.8     | 100          | Typhus, abdominal,                                                         |
| 50                                        | 29     | -                                      | 19          | 11.8         |          | 11.2        | 24             | 14.9     |                          |          | 27         | 16.8     |                        | 12.4     | Mary Control | Verbreit, Tuberculose.                                                     |
| -                                         | 29     | -                                      | 21          | 11.7         |          | 11.1        | _              |          | -                        | _        | -          | -        | _                      |          | 180          | Phthis, pulm. Granul, Niere,                                               |
| 100                                       | 29     | -                                      | -           | -            | 22       | 12.6        | 24             | 13.7     | -                        | -        | 24         | 13.7     | 19                     | 10.9     | 175          | Amputat, ped. Pyaemie.                                                     |
| 10                                        | tel .  |                                        | 20.7        | 12.1         | 20.8     | 12.1        | 21.7           | 12.7     | 18.2                     | 10.7     | 23,5       | 13.7     | 18.4                   | 10.7     | 171.3        |                                                                            |

# XIX. 26. bis 30. Lebensjahr.

|     |        | Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which i |                        |              |                          |              |                 |              |              |              |               |              |              |              |                     | the state of the s |
|-----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|--------------------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | lliac. comm.<br>dextr. | Auf 100 Ctm. | Iliac. comm.<br>sinistr. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Körperlänge<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|     |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 00                     | 107          | 01                       | 13.4         | 90              | 10.7         | 10           | 11.4         | 00            | 110          | 90           | 107          | 157                 | Typh, abdom.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1   | 26     | sehr gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | 12.7         | 21                       | 1            |                 | 12.7         | 1            | 100000       | 388           | 14.0         |              | 12.7         | 1000                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2   | 26     | sehr kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19                     | 12.2         | -                        | -            |                 | 13.6         | 19           | 12.2         | 22            | 14.1         | 19           | 12.2         | 155.5               | Febr. puerperal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3   | 26     | stark abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                     | 12.8         | 21                       | 13.5         | 23              | 14.7         | 17           | 10.9         | 25            | 16.0         | 17           | 10.9         | 156                 | Phthis. pulmon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4   | 26     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                     | 8.3          | 12                       | 8.3          | 18              | 12.6         | 15           | 10.4         | 22            | 15.3         | 15           | 10.4         | 144                 | Phthis. pulm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5   | 27     | s, stark abgem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17                     | 10.9         | 17                       | 10.9         | 19              | 12.2         | 17           | 10.9         | 20            | 12.8         | 17           | 10.9         | 156                 | Phthis, pulm. Ulc. intestin. Interstit. Nephri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6   | 27     | schön, kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20                     | 13.1         | 19.5                     | 12.7         | 19              | 12.3         | 17           | 11.1         | 21            | 13.7         | 17           | 11.1         | 153                 | Phthis, pulm. acut. Käs. Peribronchit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7   | 27     | sehr kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19                     | 12.2         | 20                       | 12.8         | 21              | 13.4         | 17           | 10.9         | 28            | 18.0         | 17           | 10.9         | 156                 | Peritonit. puerperal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8   | 27     | fett; gut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18                     | 12.2         | 17                       | 11.5         | _               | -            | 18           | 12.2         | _             | -            | _            | -            | 148                 | Diabet. mellit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9   | 28     | sehr sehön.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 22.5                   | 13.8         | 23                       | 14.1         | 23              | 14.1         | 20           | 12.3         | 25            | 15.3         | 20.5         | 12.6         | 163                 | Uterinblutung nach Entbindung.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10  | 28     | mittel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18                     | 11.7         | 18                       | 11.7         | _               | _            | 18           | 11.7         | 22            | 14.3         | 17           | 11.0         | 154                 | Stenos ost, ven. sin. Eitr. Meningit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 11  | 28     | - 10_0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 18                     | 11.3         | 19                       | 11.9         | 21              | 13.2         | _            | _            | _             | _            | 18           | 11.3         | 159                 | Phthis, pulmon,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 12  | 29     | sehr abgemag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20                     | 12.6         | 20                       | 12.6         | 22              | 13.9         | 17           | 10.7         | 22            | 13.9         |              | 11.4         | 1000                | Caries in art. ped. Mit Tub. d. Lunge; kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 13  | 29     | mittel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        | 11.8         | 100                      | 12.1         |                 |              | 100          | 12.1         | 2000          | 13.3         |              | 11.5         | 13.00               | Thrombos, art, foss, Sylv, Syphilis?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 14  | 29     | sehr mager.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        | 12.2         |                          |              | 1800            | 13.5         |              | 11.5         | 30.           | 14.7         |              | 12.2         |                     | Ausgebreit. Verkäsung der Lymphdr. Mit Tub.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|     | 29     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1000                   | 11.0         | M. Act                   | The said     | and,            |              |              |              | -             |              |              |              |                     | Lungen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15  |        | sehr kräftig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |              |                          |              | au.             | 3            | 1            | 10.4         | 160           | 14.1         | 18           | 300          | 163.5               | Varices extrem. inf. Operat. Pyaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 16  | 29     | an diversity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18                     | 11.6         | 16                       | 10.3         | 18              | 11.6         | 16           | 10.3         | -             | -            | -            | -            | 155                 | Interstit, chron. Pneumon. mit Bronchectasi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 17  | 29     | sehr fett.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20                     | 12.7         | 18                       | 11.5         | 19              | 12.1         | 18           | 11.5         | 20            | 12.7         | 19           | 12.1         | 157                 | Stenos. ost, venos. sin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| -   |        | 2410 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |              |                          |              | -               |              |              | -            |               |              |              |              |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mi  | ttel . |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18.7                   | 11.9         | 18.6                     | 11.9         | 20.5            | 13.1         | 17.6         | 11.3         | 22.6          | 14.4         | 18.0         | 11.5         | 156.2               | ALL PLANTS OF THE REAL PROPERTY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |              |                          |              |                 |              |              |              |               |              |              |              |                     | STREET, STREET |

## XX. 30. bis 40. Lebensjahr.

a. männlich.

|       | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac, comm,<br>dextr. | Auf 100 Ctm. | Iliac. comm, | Auf 100 Ctm. | Subel, sin. | Auf 100 Ctm.   | Carot, comm. | Auf 100 Ctm. | Subcl. dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Körperlänge.<br>Ctm. | To desursache<br>und<br>wesentliche Krankheitsform.                                          |
|-------|--------|----------------------------------------|-----------------------|--------------|--------------|--------------|-------------|----------------|--------------|--------------|---------------|--------------|--------------|--------------|----------------------|----------------------------------------------------------------------------------------------|
|       |        | al localities                          |                       | 00           |              | 110          | 0.          | 100            |              | 0.0          |               |              |              |              | 170                  |                                                                                              |
| I     | 30     | _                                      | 17                    | 9.9          |              | 11.0         | 1888        | 12.2           | 183          | 9.9          | -             |              |              | -            | 172                  | Phthis. pulmon.                                                                              |
| ı     | 30     |                                        | 24                    | 13.4         | 133          | 12.8         | 1000        | 12.8           | 10000        | 10.6         | -             | 1550         | 1            | _            | 179                  | Aneurysma spurium.                                                                           |
| I     | 31     | gut,<br>sehr kräftig.                  |                       | 13.2         | 1 200 V      | 13.2         | 1378        | 13.2           | BOFO         | 12.0         | -             | 17.4         | 10           | 11.4         | 159                  | Suicidium. Halsschnitt.                                                                      |
| Ī     | 31     | senr kraitig.                          | 23                    | 13.8         | 1 2          | 12.6         |             | 15.6           |              |              | 29            |              |              |              | 166.5                | Tod durch Steinfall. Fract, cran. Gesund.                                                    |
| I     | 32     | -                                      |                       | 12.8         |              | 13.4         |             | 12.8           |              | 9.9          |               | 15.7         |              | 10.5         | Parent P             | Mil. Tuberc. der Lungen, Milz u. Nieren.                                                     |
| ı     | 33     | etauk akaam                            | 19                    | 11.4         |              | 12.6         | 1366        | 18.0           | PHE9TI       | 13.2         |               | 15.6         |              | 11.4         |                      | Phthis, pulmon.                                                                              |
| I     |        | stark abgem.                           | -                     | -            | 22           | 12.7         | 933         | 12.7           | 1000         |              | 22            | 12.7         | B 135        | 11.5         |                      | Phthis, pulmon, Ulc, intestin.                                                               |
|       | 33     | sehr schön.                            | -                     | -            | -            | 100          | 32          | 19.0           | 1000         | 14.2         | 10.5          |              | 22           |              | 169                  | Sturz von der Höhe,                                                                          |
|       | 33     | kräftig.                               | 24                    | 14.5         | 100          | 13.9         | 1000        | 15.6           | 123 3        | 10.2         |               | 11.7         |              |              | 166                  | Scirrh, cerebelli,<br>Peribronch, nod. Cavern. Pleurit, chron. Amyl.                         |
|       | 33     | _                                      | 23                    | 12.1         |              | 12.1         |             | 11.6           |              | -            | 19            | 11.0         |              | 12.7         |                      | Degen.                                                                                       |
| 1     | 33     | stank about                            |                       | 14.1         | S.E.         | 12.9         | Tiens .     | 14.1           |              | 10.4         |               | 14.7         |              | 12.9         |                      | Nephrit. chron. Hydrothorax. Peritonitis.<br>Caries metacarp. Käs. Halsdrüsen. Peribronchit. |
| 1     | 34     | stark abgem.                           | 1000                  | 12.4         |              | 13.0         | 13.30       | 14.8           |              | 11.8         |               | 12.7         |              | 17.7         |                      | nod. Empyem.                                                                                 |
|       | 34     | sehr kräftig.                          | 22                    | 14.2         | 100          | 1000000      | 25.5        | 16.4           |              | 12.8         |               |              | 20.5         | 13.2         |                      | Angioma scroti et caps. renal, cavernos.                                                     |
|       | 34     |                                        | 19                    | 11.4         |              | 12.6         | 1000        | 12.6           |              | 9.6          |               | 16.2         | -            |              | 167                  | Chron, käs. Pneumon, Mil. Tub, der Blase,                                                    |
|       | 34     | _                                      | 22                    | 12.5         | IKE S        | 11.4         |             | 15.3           |              | 10.8         |               | 13.1         |              |              | 176                  | Phthis, pulmon,                                                                              |
|       | 34     | -                                      |                       | 13.0         | 1            | 13.0         |             | 12.4           |              |              | 23            | 13.6         |              |              | 169                  | Phthis, pulmon, Ulc, intest.                                                                 |
| 1     | 34     | h-vet-                                 | 25<br>26              | 14.0         | 18686        | 13.4         |             | 110            | -            |              | 27            | 15.1         |              | 10.6         |                      | Phthis, pulmon, Mil. Tub.                                                                    |
| 1     | 35     | kräftig.                               | 21                    | 15.5         | 197          | 14.3         |             | 14.9           | Design 1     |              | 26,5          | 15.8         | 19           |              | 168                  | Phthis, pulm, peribronch. Peritonit, tuberc.                                                 |
|       | 36     |                                        | 24                    | 12.9         | 1000         | 14.7         |             |                | -            | 1            | 1             |              |              |              | 163                  | Cirrhos, pulm. Bronchectas, Interstit, Nephrit,                                              |
| -     | 36     | _                                      | 23                    | 14.4         | 15.77        | 15.0         |             | 14.0           | -            | _            | -             | 195          | -            | 10.7         | 167                  | Pleuropneumonie, Polypionie.                                                                 |
| -     | 36     | sehr gut.                              | 23                    | 12.9         |              | 12.4         |             | 14.6           | -            |              | 24            | 13.5         |              |              | 178                  | Pneumonie, Potator.<br>Stenos. ost. ven. sin. Alter Gelenkrheumatismus.                      |
| 1     | 37     | mittel.                                | 25                    | 1000         | 1000         | 13.7         | 1584        | 14.6           | 19           |              | 20            | 11.7         | 10           | 10.5         |                      | Granul. Leber u. Nieren.                                                                     |
| 1     | 37     |                                        |                       | 14.0         | 1000         | 14.6         | -           |                | -            |              |               |              | -            | -            | 178                  | Chron, käs, Pneumonie.                                                                       |
| 1     | 37     |                                        | 25                    | 14.0         | 200          | 12.8         | -           | 15.0           | _            | -            | -             | 11.0         |              | -            | 179                  | Trauma. Fractura pelvis.                                                                     |
| -     | 37     | India:                                 | 25                    | 14.5         |              | 13.3         |             | 15.6           |              |              | 20            | 11.6         | -            | 0.5          | 173                  | Caries costar. Phthis. pulm.  Interstit. Nephritis. Pleurit. Adhaes. Sehr blutreich.         |
| -     | 38     | kräftig.                               | 24                    |              |              | 13.2         |             | 14.8           | 2            |              |               | -            | 17           |              | 178                  |                                                                                              |
|       | 38     | sehr kräftig.                          | 27                    | 150          | 07           | 15.3         |             | 13.7<br>14.7   |              |              | 25.5          |              |              | 10.8<br>12.5 |                      | Insuff, valv. aort. Ertrunken,                                                               |
| 1     | 738    | mager.                                 | 10 TO 10              | 15.3         | 138          | 1000000      |             | DESCRIPTION OF | 200          |              | Marie I       | 7536.00      |              |              |                      | Necros, femor. Verbreitete Mil. Tub.                                                         |
| 1     | 38     |                                        | 24                    | 14.1         | 100          | 13.5         |             | 15.3           | 1000         | 11.8         | 10000         | 12.4         |              | 11.2         |                      | Phthis, pulm,                                                                                |
| 44 44 | 38     |                                        | 18                    | 10.5         |              | 11.0         |             | 12.8           | 19           | 11.0         | PO NO         | 14.0         |              | 10.5         | 200.00               | Phthis, pulm. Pneumothorax,                                                                  |
| 1     | 391/2  |                                        | 25                    | 15.6         | 188          | 13.7         |             | -              | -            |              | 28            | 17.5         |              | 11.2         | 73.25                | Phthis, pulm, et laryng.                                                                     |
| 40 00 | 393/4  | stank character                        | 24                    | 14.9         |              | 14.9         |             | 15.5           |              | 11.2         | -             | No.          | 17           | 10.6         | 10000                | Suicidium. Potator. Fettleber.                                                               |
| -     | 39     | stark abgem.                           | 24<br>22              | 13.6<br>13.1 |              | 13.6<br>13.7 |             | 10.7           | -            | 10.7         | -             | 11.3         |              | 11.9         | 168                  | Phthis, pulm. Ulc, intestin,<br>Emphys. pulm. Granul. Leber. Dilatat. ventr<br>dextr.        |
| 1     | tel .  |                                        | 22.7                  | 13.4         | 22.6         | 13.3         | 24,3        | 14.3           | 18.9         | 11.1         | 24.1          | 14.2         | 19,6         | 11.5         | 170                  |                                                                                              |

# XX. 30. bis 40. Lebensjahr.

| -   | 1000   |                                        |                        |              |                          |              |                 |              |              |              |               |              |              |             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----|--------|----------------------------------------|------------------------|--------------|--------------------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|-------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Iliac, comm.<br>dextr. | Auf 100 Ctm. | Iliac, comm.<br>sinistr. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Subcl. dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm | Körperlänge.<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|     |        |                                        |                        |              |                          |              |                 |              |              |              |               |              |              |             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1   | 30     | -                                      | 16                     | 10.5         | 17                       | 11.2         | -               | -            | 17           | 11.2         | 25            | 16.4         | 19           | 12.5        | 152                  | Caries in art. ped. Phthis. pulm. Ulc. inte-<br>perforans.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2   | 30     | mittel.                                | 21                     | 13.9         | 20                       | 13.3         | 24              | 15.9         | 19           | 12.6         | 28            | 18.6         | 19           | 12.6        | 150.5                | Parametrit, puerperal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3   | 31     | gut.                                   | 18                     | 10.8         | 19                       | 11.4         | 21              | 12.6         | 14.5         | 8.7          | 21            | 12.6         | 16           | 12000000    | 166                  | Stenos ost, mitral.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4   | 31     | -                                      | 20                     | 12.8         | 21                       | 12.9         | 18              | 11.4         | 15           | 9.2          | 23            | 14.4         | 17           | 10.4        | 163                  | Coxitis. Septicaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| - 5 | 32     | sehr mager.                            | 20                     | 12.3         | 19.5                     | 12.0         | 20              | 12.3         | 15           | 9.2          | 20            | 12.3         | 16           | 9.9         | 162                  | Phthis, pulm. Chron. tub. Peritonitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6   | 32     | stark abgem.                           | 19                     | 11.6         | 21                       | 12.8         | 21              | 12.8         | 20           | 12.2         | 24            | 14.6         | 17           | 10.4        | 164                  | Carcinoma uteri.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7   | 32     | mager.                                 | 21                     | 13.1         | 21                       | 13.1         | 20              | 12.5         | 16           | 10.0         | 23            | 14.4         | 18           | 11.2        | 160                  | Käs, Peribronchit. Kleine Cavernen,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8   | 32     | -                                      | 16                     | 11.7         | 17                       | 12.4         | 20              | 14.6         | 17           | 12.4         | -             | -            | -            | -           | 137                  | Pleurit. puerperal. Alte Rachitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 9   | 32     | -                                      | -                      | -            | -                        | -            | 22              | 13.9         | 18           | 11.4         | 23.5          | 14.9         | 17           | 10.8        | 158                  | Necros. cartil, intervertebr. Psoas. Absc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 10  | 33     | sehr gut.                              | 24                     | 14.4         | 21                       | 12.6         | 20.5            | 12.3         | 18           | 10.8         | 21            | 12.6         | 18           | 10.8        | 166.5                | Carcinoma uteri. Tod nach Operation,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 11  | 33     | -                                      | 22.5                   | 13.7         | 21                       | 12.8         | 19              | 11.6         | 17           | 10.5         | 16            | 9.8          | 21           | 12.8        | 164                  | Hernia incarc. Operat. Peritonit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 12  | 33     | _                                      | 17                     | 11.0         | 18                       | 11.6         | 22              | 14.2         | 20           | 129          | 20            | 12.9         | 17           | 11.0        | 155                  | Phthis. pulmon,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 13  | 34     | -                                      | 21                     | 13.5         | 21                       | 13.5         | 23              | 14.8         | 18           | 11.6         | 24            | 15.5         | 24           | 15.5        | 155                  | Phthis. pulm. Nephrit. chron. Amyl. Deg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14  | 34     | mittel.                                | 19                     | 12.4         | 18.5                     | 12.1         | -               | -            | -            | -            | -             | -            | -            | -           | 153                  | Puerpera, Oedem. pulm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15  | 35     | mager.                                 | -                      | -            | -                        | -            | 22              | 14.0         | 17           | 10.8         | -             | -            | 18           | 11.4        | 157                  | Carcinoma ovar., gland. retroper., pulmon.; pe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 16  | 353/4  | -                                      | 22                     | 13.4         | 22                       | 13.4         | -               | -            | -            | -            | -             | -            | -            | -           | 164                  | Carcinom der Bauchwand. Pyaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 17  | 35     | -                                      | 19                     | 12.0         | 19                       | 12.0         | 20              | 12.6         | -            | -            | -             | -            | -            | -           | 159                  | Phthis, pulm. Ulc. intestin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 18  | 35     | mittel.                                | 19                     | 12.7         | 20                       | 13.3         | -               | -            | 20           | 13.3         | -             | _            | 20           | 13.3        | 150                  | Carcin. ovar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19  | 37     | -                                      | 20                     | 13.1         | 19                       | 12.4         | 19              | 12.4         | 14           | 9.2          | 20            | 13.1         | 15           | 9.8         | 153                  | Kas. Peribronchit. Myelitis. Eitr. Nep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 20  | 37     | -                                      | -                      | -            | -                        | -            | 19              | 12.3         | 16           | 10.4         | -             | -            | -            | -           | 154                  | Hydronephros, Harnsteine,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 21  | 38     | s. st. abgem.                          | 20.5                   | 12.8         | 20                       | 12.5         | 22              | 13.7         | 16           | 10.0         | 19.5          | 12.2         | 18           | 11.2        | 160                  | Phthis, pulm, Ule, intestin,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 22  | 38     | mager.                                 | 22                     | 14.1         | 22                       | 14.1         | 21              | 13.4         | 16           | 10.4         | 22            | 14.1         | 16.5         | 10.6        | 156                  | Abortus, Septicaemie,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 23  | 39     | sehr schön.                            | 21                     | 13.6         | 23                       | 14.9         | 20              | 12.9         | 16           | 10.4         | 22            | 14.3         | 16           | 10.4        | 154                  | Carcin, mammae. Operat. Pyaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 24  | 39     |                                        | 13                     | 8.3          | 13                       | 8.3          | _               | -            | _            | -            | -             | _            | _            | _           | 156                  | Caries vertebr. lumb. Phthis, pulm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 25  | 39     | -                                      | 19                     | 12.1         | 20                       | 12.7         | 21              | 13.4         | 19           | 12.1         | 18            | 11.5         | 19           | 12.1        | 157                  | Phthis. pulm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 26  | 39     | - 10-K 10-K                            | 23                     | 15.0         | 24                       | 15.7         | -               | -            | _            | _            | _             | _            | -            | _           | 153                  | Glioma cerebr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |        | - Allerandi                            |                        |              |                          |              | 100             |              |              |              | 100           | 199          |              | - 77        |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| -   | 1000   | TO TOTAL                               |                        |              |                          |              |                 |              |              |              |               |              |              |             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mi  | ttel . |                                        | 19.7                   | 12.5         | 19.8                     | 12.6         | 20.7            | 13.2         | 17.0         | 10.9         | 21.7          | 13.8         | 17.9         | 11.4        | 156.9                | EDITOR DE L'ESTATE DE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|     |        |                                        |                        | 100          |                          |              | 100             |              | 1 13         | OF           | -             | 100          |              |             | 1 35                 | COLUMN TO THE REAL PROPERTY OF THE PARTY OF |

## XXI. 40. bis 50. Lebensjahr.

## ä. männlich.

| b        | _      |                 |                        | -            | -             |              | 7                 | -              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -            | 7-        | -            | -          | -                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
|----------|--------|-----------------|------------------------|--------------|---------------|--------------|-------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|--------------|------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|          |        |                 | ii.                    | Auf 100 Ctm. | ë             | Auf 100 Ctm. | sinistr.          | Ctm.           | comm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Auf 100 Ctm. | dextr.    | Auf 100 Ctm. | comm.      | Auf 100 Ctm.        | .e.e.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Todesursache                                                                   |
| Н        |        | Allgemeiner     | Iliac. comm.<br>dextr. | 0            | c. comm.      | 0            | iii               | 0              | con                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0            | de        | 0            | tr.        | 0                   | Körperlänge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                |
| 1        | Alter. | Ernährungs-     | ex lex                 | 100          | inis          | 100          | -                 | 100            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100          | -         | 100          | f.         | 100                 | per                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | und                                                                            |
| H        | 10000  | zustand.        | iac                    | 7            | Hiac.<br>sini | 77           | Subcl.            | Auf            | Carot,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 77           | Subel.    | -            | lro<br>1   | 7                   | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | wesentliche Krankheitsform.                                                    |
|          | Jahr.  |                 | =                      | A            | =             | Ā            | S                 | 4              | ő                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A            | S         | 1            | Carot. com | A                   | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                |
|          |        |                 |                        |              |               |              |                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 1         |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
|          | 40     | -               | 22                     | 12.4         | 21            | 11.9         | 20,5              | 11.6           | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9.6          | 22        | 12.4         | 14         | 7.9                 | 177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Abscess, cerebr. Emphys, pulm.                                                 |
| ı        | 40     | mittel gut.     | -                      | -            | -             | -            | 22.5              | 13.2           | 14.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8.5          | 22        | 12.9         | 16         | 9.4                 | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carcin, hepat, Kas. Lymphdrusen.                                               |
| ı        | 40     | _               | 26,5                   | 15.1         | 23            | 13.1         | 24                | 13.7           | 100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100000       | 26        | 14.8         |            | 11.9                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carcin, hepat, Bronchectasie,                                                  |
| H        | 40     | _               | 19                     | 11.9         | 18            | 11.3         | 18                | 11.3           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9.4          | 20        | 12.6         |            | 10.1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carcin, hepat, et ventric,                                                     |
| ı        | 40     | gut.            | 25                     | 15.0         |               | 12.6         | _                 | TEMPORE -      | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10.2         |           | 16.2         |            | 12.6                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Phthis. pulm. Tub.                                                             |
| ı        | 40     | sehr kräftig.   | _                      | _            | _             | -            | 22                | 13.4           | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13.4         |           | 17.0         | 20.5       | E house of the con- | 164,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sturz v. d. Höhe. Gesund.                                                      |
| ı        | 40     | sehr kräftig.   | 27.5                   | 17.1         | 24.5          | 15.2         | 1000              | 17.4           | 1-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.2         |           | 15.8         |            | 12.4                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Todt im Bett gefunden. Todesursache?                                           |
| ı        | 40     | stark abgem.    | 25                     |              | 25,5          |              |                   | and the second |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.2         |           | 14.6         |            | 10.7                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carcin, ventric, et pancreat,                                                  |
| ł        | 40     | kräftig.        | 29                     | 16.8         |               | 15.6         |                   | 15.6           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.6         |           | 15.0         |            | 11.0                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Phthis, pulmon,! Ulc. intestin.                                                |
| 1        | 42     | schön; kräftig. | 5600                   | 14.0         |               | 14.5         |                   | 15.7           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.9         |           | 15.1         |            | 10.9                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Phthis, pulmon, Cavernen!                                                      |
| No.      | 42     | abgemag.        | 28                     | 16.4         |               | 15.2         | 4.                | 14.6           | The contract of the contract o | 10.0         |           |              | 17.5       | 10.3                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sarcom d. Inguin. Mesent, u. Retroperit, Dr.                                   |
| -        | 43     | aogemag.        | 18                     | 10.3         |               | 10.9         |                   | 12.6           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$000 models | 20        | 11.5         |            |                     | 174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carcin, gland, submax,                                                         |
| 1        | 43     | _ 112           | 25                     | 14.5         |               | 13.3         | _                 | -              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.6         | _         |              | 20         | 100000              | 173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Nephrit, interstit, Hydrops.                                                   |
| ą        | 43     |                 | 34                     | 20.7         |               | 19.5         | 1                 | 1000           | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11.0         | _         | _            | _          | -                   | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Emphysem, pulm.                                                                |
| 1        | 43     |                 | 21                     |              | 20.5          |              |                   | 12.1           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/20/03/    | 25        | 15.1         |            | 12.1                | E. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Peribronch, cas. Ulc, intest, Interstit, Nephrit.                              |
| ş        | 43     | sehr kräftig.   | 24                     |              |               |              |                   | 14.1           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1000000      | 28,5      | 17.2         |            | 10.8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Scleros, aort. Dilat. ventr. sin. Granul, Niere.                               |
| 1        | 44     | senr kraing.    | 23                     |              | 24            |              | 1000000           | 13.4           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1000000      | 26        | 15.1         |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fract, femor, Pyaemie,                                                         |
| 1        |        |                 | 25                     |              | 135           | 14.0         | DASK 5            | #100000mg      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.4         | 100       |              |            | 12.2                | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Meningit, cerebrospin.                                                         |
| 1        | 44     |                 |                        | 15.2         | -             |              | 26                | 15.9           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 97        | 101          | -          | 1000000             | 100000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Phthis, pulmon.                                                                |
| 1        | 45     | -               | 28                     | 16.7         | 29            | 17.3         |                   | 13.7           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100          | 27        | 16.1         |            | 12.5                | The state of the s |                                                                                |
| 1        | 45     | The Table       | 26                     |              | 27            | 16.3         |                   | 12.7           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 27        | 16.3         |            | 10.8                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Diphtherit. urethr.<br>Fract. compl. crur. Eitr. Meningit. Interstit. Nephrit. |
| 1        | 45     | -               | 26                     | 15.3         |               | 16.5         |                   | 12.9           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.6         | 10000     | 14.7         |            |                     | 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                |
| 1        | 45     | _               | 26                     | 14.6         |               | 12.9         |                   | 14.0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9.0          | 1000      | 12.9         |            |                     | 178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Anaemie durch Blutung aus einer Halswunde,                                     |
| 3        | 45     |                 | 22                     | 12.9         |               | 14.0         |                   | 15.2           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.1         |           | 16.4         |            | 11.1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Peribronchit. nod. Cavern. Ulc. intestin.                                      |
| ì        | 45     | mittel.         | 29                     | 17.7         |               |              | B. Colores        | 16.2           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13.4         |           | 15.8         |            | 13.1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carcin, ventric, et periton.                                                   |
| -        | 46     | -               | 27                     | 16.1         |               | 15.0         |                   | 14.4           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.2         | 23,04     | 15.0         |            | 10.8                | 1000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Fract. costar. Haemopneumothorax.                                              |
| 3        | 46     | -               | 24                     | 14.0         | 10000         | 14.0         |                   | 12.3           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 26        | 15.2         |            | 10.5                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pneumonokonios. Cavernen.                                                      |
| 9        | 46     | -               | 26,5                   | 15.4         |               | 13.4         | Branch D          | 14.0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 26        | 15.1         | 21         | 12.2                | LOSSON VI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Peribronchit, Bronchectat. Cavern.                                             |
| 3        | 46     | mager.          | 24                     | 14.2         |               | 13.6         | Barriero Co.      | 11.2           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12.4         | -         | -            | -          |                     | 169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lymphosarcom des Halses.                                                       |
| 3        | 46     | sehr mager.     | 24                     | 14.5         |               | 15.1         |                   | 13.9           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.8         | ESTATE OF | 15.1         |            |                     | 165.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Carcin. oment., hepat., ventric.                                               |
| 1        | 46     | kräftig.        | DOWN /                 | 16.0         |               | 16.0         | A location in the | 12.9           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 25        | 15.4         |            | 11.1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carcin, laryng. Tod nach Tracheotomie.                                         |
| -        | 46     | mittel.         | 27                     | 15.5         |               | 14.3         | \$ 500 C D        | 14.3           | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | 25        | 14.3         |            | 9.2                 | 77270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Phthis. pulm. peribronch. cas.                                                 |
| -        | 47     | -               | 25                     | 14.1         |               | 13.6         | 1000              | 14.1           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12.4         |           | 16.4         |            |                     | 177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carcinom d. Wange, Phlebitis, Emphys, pulm.                                    |
| 00       | 47     | kräftig.        | 30                     | 17.0         | 31            | 17.5         |                   | 13.0           | 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11.9         |           | 17.0         |            |                     | 176,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fettherz. Emphysem d. Lunge.                                                   |
| 9        | 48     | -               | 24                     | 14.0         |               | 12.9         |                   | 12.3           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10.5         |           | 15.2         | 19         | 11.1                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Käs. Pneumon. Cavern. Ascites.                                                 |
| 60       | 48     | -               | 25                     | 14.1         |               | 14.7         |                   | 16.9           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.3         |           | 16.4         |            | 12.4                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Alte Phthis. pulm., frische Mil. Tub.                                          |
| 00       | 49     | -               | 28                     | 16.6         | 24            | 14.2         | 27                | 16.0           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11.8         |           | 14.2         | 21         | 12.4                | 169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dermoidcyste am abdomen.                                                       |
| 2        | 49     | -               | 23                     | 13.9         | 22            | 13.3         | 28                | 16.9           | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10.2         | 27        | 16.3         | 17         | 10.2                | 166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Amputat, cruris, Absc. hepat.                                                  |
| 2        | 49     |                 | 20                     | 11.2         |               | 11.8         |                   | 13.5           | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9.6          | 24        | 13.5         | 16         | 9.0                 | 178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pleurit, dextr. Bronchectas.                                                   |
| S. C. C. | 49     | -               | 25                     | 15.0         | 23            | 13.7         | -                 | -              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -            | -         | -            | -          | -                   | 167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Graue Degen. d. medull. Amyl. Deg. d. Niere u. Leber.                          |
| 4        | 49     | -               | 22                     | 12.8         | 21            | 122          |                   | -              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -            | 19        | 11.0         | -          | -                   | 172                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Phthis. pulmon.                                                                |
| 4        | 49     | mager.          | 22                     | 13.4         |               | 15.2         |                   | 15.8           | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9.7          | 26        | 15.8         | 17         | 10.4                | 164                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Phthis, pulm. Hochgrad, Atherom, aort,                                         |
|          |        |                 |                        |              |               |              | 1                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | -         |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| 1        |        |                 |                        |              |               |              |                   | 1              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| At       | tel .  |                 | 25.0                   | 14.7         | 24.7          | 14.2         | 23.7              | 13.9           | 18.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.7.        | 25.4      | 15.0         | 18.7       | 11.0                | 169.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |
|          |        |                 |                        |              |               |              | 1                 |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | -         |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
| 1        |        |                 |                        |              | 1             |              |                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16           |           |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |
|          |        |                 |                        |              |               |              |                   |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |              |            |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                |

## XXI. 40. bis 50. Lebensjahr.

| -   |        |                                        |                        |              |                          |              |                 |             |              |              |               |              |              |              |                     |                                                    |
|-----|--------|----------------------------------------|------------------------|--------------|--------------------------|--------------|-----------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------------|----------------------------------------------------|
| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Iliac. comm.<br>dextr. | Auf 100 Ctm. | Iliac, comm.<br>sinistr. | Auf 100 Ctm. | Subcl. sinistr. | Auf 100 Ctm | Carot, comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Körperlänge<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform, |
|     |        |                                        |                        |              |                          |              |                 |             |              |              |               |              |              |              |                     |                                                    |
| 1   | 41     | sehr kräftig.                          | 27                     | 16.1         | 26                       | 15.5         | 23              | 13.7        | 18           | 10.7         | 27            | 16.1         | 19           | 11.3         | 167.5               | Morb, Bright, Schiefrige Lungeninduratio           |
| 2   | 42     | -                                      | 21                     | 13.4         | 21                       | 13.4         | 20              | 12.7        | 15           | 9.6          | 22            | 14.0         | 15           | 9.6          | 157                 | Carcinom, ventric, et uteri.                       |
| 3   | 42     | -                                      | -                      | -            | -                        | -            | -               | -           | -            | -            | 23            | 14.7         | 17           | 10.9         | 156                 | Cavernöse Geschw. d. Leber.                        |
| 4   | 42     | _                                      | 18,5                   | 11.6         | 16                       | 10.0         | 20              | 12.5        | 15           | 9.4          | 19.5          | 12.2         | 17           | 10.6         | 160                 | Phthis. pulmon.                                    |
| 5   | 42     | kräftig.                               | 20                     | 12.9         | 20                       | 12.9         | 19              | 12.3        | 18.5         | 12.0         | 19            | 12.3         | 17           | 11.0         | 155                 | Interstit, Nephrit, u. Hepatit. Bronchect          |
| 6   | 43     | _                                      | 25                     | 15.5         | 24                       | 14.9         | 20              | 12.4        | 20           | 12.4         | 29            | 18.0         | 21           | 13.0         | 161                 | Carcin, uteri et periton,                          |
| 7   | 43     | -                                      | 20                     | 12.8         | 18                       | 11.6         | 21              | 13.5        | 16           | 10.3         | 23            | 14.8         | 18,5         | 11.9         | 155.5               | Phthis, pulm. peribronch. nod.                     |
| 8   | 43     | stark abgem.                           | 18                     | 12.3         | 18                       | 12.3         | 22              | 15.1        | 15           | 10.3         | 21            | 14.4         | 16           | 11.0         | 146                 | Enormes Ovarialcystoid.                            |
| 9   | 45     | _                                      | -                      | -            | 20                       | 12.8         | 20              | 12.8        | 16           | 10.3         | -             | -            | -            | -            | 156                 | Insuff, etstenos, mitral, Granul, Leber, Hydro     |
| 10  | 46     | -                                      | 25                     | 15.0         | 27                       | 16.2         | 24              | 14.4        | 18           | 10.8         | 21            | 12.6         | 20           | 12.0         | 167                 | Carcin. mammae. Pyaemie.                           |
| 11  | 46     | gut,                                   | -                      | -            | -                        | -            | 22              | 14.2        | 17           | 11.0         | 26            | 16.8         | 19           | 12.2         | 155                 | Carcin, uteri,                                     |
| 12  | 46     | kräftig.                               | 24                     | 14.4         | 23                       | 13.8         | 20              | 12.0        | 17           | 10.2         | 23            | 13.8         | 17           | 10.2         | 166                 | Peritonitis nach Ovariotomie.                      |
| 13  | 47     |                                        | 22                     | -            | 21                       | -            | 20              | -           | 16           | -            | 21            | -            | 17           | -            | -                   | Hypertr. dilat, cord, Nephritis, Lungenöde         |
| 14  | 47     | sehr gut.                              | 23,5                   | 14.8         | 23,5                     | 14.8         | 21              | 13.3        | 20           | 12.6         | -             | -            | -            | -            | 158                 | Carcin. ventric.                                   |
| 15  | 48     | mager.                                 | 21                     | 14.8         | 20                       | 14.1         | 21              | 14.8        | 17           | 12.0         | 19            | 13.4         | 17           | 12.0         | 141.5               | Blasenscheidenfistel, Pyclitis, Alte Rachi         |
|     | 100    |                                        |                        | -            |                          |              |                 |             | 19           |              |               | 1            | 1            |              |                     |                                                    |
| Mi  | ttel . |                                        | 22.1                   | 13.9         | 21.3                     | 13.5         | 20,9            | 13.4        | 17.0         | 10.9         | 22.6          | 14.4         | 17.7         | 11.3         | 157.2               |                                                    |
|     |        | The same of                            |                        |              |                          |              |                 |             |              | 1 57         |               |              |              |              |                     |                                                    |

# XXII. 50. bis 60. Lebensjahr.

a. männlich.

|     | all con |                  |         | -         |        |       |        |           |          |       |        |      |        |         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----|---------|------------------|---------|-----------|--------|-------|--------|-----------|----------|-------|--------|------|--------|---------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |         | Allgemeiner      | om.     | Ctm.      | comm.  | Ctm.  | sin.   | Ctm.      | comm.    | Ctm.  | dextr. | Ctm  | comm   | Ctm     | Be.                | Todesursache                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|     | Alter.  | Ernährungs-      | e, comm | 100       | sin.   | 100   |        | 100       |          | 100   | de     | 100  |        | 100     | Körperläng<br>Ctm. | und                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1   | 2       | zustand.         | Iliac.  | f 1       | Iliac. | nf 10 | Subcl. |           | Carot.   |       | Subcl. |      | Carot. |         | Co                 | wesentliche Krankheitsform.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|     |         |                  | ä       | Auf       | =      | Au    | 00     | Auf       | Car      | Auf   | Su     | Auf  | Can    | Auf     | K                  | The state of the s |
| 1   |         |                  |         |           |        |       |        |           |          |       | 2      | 2.34 |        |         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5   | 50      | 10 - 10          | 25      | 14.5      | 25     | 14.5  | 31     | 17.9      | 21       | 12.1  | 21     | 12.1 | 22     | 12.7    | 173                | Carcin, ventric,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|     | 50      | kräftig.         | 27      | 17.1      | 25     | 15.8  | 25     | 15.8      | 18       | 11.4  | 26     | 16.5 | 17     | 10.7    | 157.5              | Hypertroph. cord. Apopl. Cyste im Gehirn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|     | 50      | sehr kräftig.    | 32      | 19.3      | 32     | 19.3  | 28     | 16.9      | 17.5     | 10.5  | 32     | 19.3 | 19.5   | 11.7    | 166                | Atherom, aort, Granul. Niere. Cirrh, pulm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|     | 50      | kräftig.         | 25      | 15.5      | 24     | 14.9  | 23     | 14.3      | 18       | 11.2  | 21     | 13.0 | 17     | 10.5    | 161                | Carcin, recti. Tod nach Operat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | 51      | _                | 21      | 12.5      | 20     | 11.9  | 22     | 13.1      | -        | -     | 24     | 14.3 | 14     | 8.3     | 168                | Enchondrom. scapul., renum, pancreat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|     | 52      | -                | 21      | 11.8      | 19     | 10.7  | 26     | 14.6      | 22       | 12.4  | 26     | 14.6 | 18     | 10.1    | 178                | Chron. käs. Pneumon. Fettleber.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1   | 52      | abgemag.         | 27      | 14.8      | 25     | 13.7  | 28     | 15.3      | 16       | 8.8   | -      | -    | 18,5   | 10.1    | 182.5              | Carcin, oesophag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|     | 53      | -                | 26      | 15.1      | 24     | 14.0  | 27     | 15.7      | 20       | 11.6  | 29     | 16.9 | 20     | 11.6    | 172                | Insuff. et stenos. mitral. Cyste im corp. striat.<br>Cyst. Degen. d. Nieren.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| H   | 53      | mager.           | 20      | 11.5      | 27     | 15.5  | 22     | 12.7      | 15.5     | 8.9   | 24     | 13.8 | 16     | 9.2     | 173.5              | Typh. abdom. Carcinom der Niere.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4   | 53      | mittel.          | 20      | 11.8      | 20     | 11.8  | 20     | 11.8      | 15       | 8.8   | 20 .   | 11.8 | 15     | 8.8     | 170                | Phthis. pulmon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| And | 54      | - in a           | 38      | 22.4      | 30     | 17.6  | 26     | 15.3      | 18       | 10.6  | 32     | 18.8 | 18     | 10.6    | 170                | Amput, antibrach. Pia-Oedem. Potator.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| -   | 54      | -                | 20      | 11.8      | 19     | 11.2  | 27     | 15.9      | 20       | 11.8  | 26     | 15.3 | 21     | 12.4    | 170                | Carcin, oesophag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 414 | 54      | mittelgut.       | 25      | 14.8      | 26     | 15.4  | 24.5   | 14.5      | -        | -     | 23     | 13.6 | 17     | 10.0    | 169                | Diabet, mellit. Interstit, Indurat. d. Lungen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| **  | 54      | sehr kräftig.    | 40      | 20.8      | 36     | 18.8  | 29     | 15.1      | 23       | 12.0  | -      | -    | 22.5   | 11.7    | 192                | Carcinoma periton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1   | 55      | _                | 29      | 16.4      | 28     | 15.8  | 24     | 13.6      | 18       | 10.2  | 30     | 16.9 | 19     | 10.7    | 177                | Compl. Fract. crur. M. Bright. Lungenödem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| +   | 55      | gut.             | 28      | 16.4      | 27     | 15.8  | 24     | 14.1      | 19       | 11.1  | 28     | 16.4 | 19     | 11.1    | 170.5              | Fractur cranii.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1   | 55      | sehr kräftig.    | 39      | 21.8      | 33     | 18.4  | -      | -         | 21       | 11.7  | 27     | 15.1 | 20     | 11.2    | 179                | Sistirte alte Tubercul. Pyopneumothorax.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1   | 56      | perspectation of | 30      | 18.0      | 26     | 15.6  | 28     | 16.8      | 21       | 12.6  | -      | -    | 21     | 12.6    | 167                | Carcinom, maxill,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|     | 57      | sehr kräftig.    | 29      | 16.7      | 26     | 15.0  | 28     | 16.1      | 15       | 8.6   | 26     | 15.0 | 16     | 9.2     | 173.5              | Compl. Fract. crur. Klein, peribronchit. Heerde.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4   | 58      | _                | 25      | 14.5      | 23     | 13.4  | 25     | 14.5      | 16       | 9.3   | 26     | 15.1 | 17     | 9.9     | 172                | Fract. fem. et rad. Septicaemie.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1   | 58      | _                | 29      | 16.7      | 30     | 17.2  | 34     | 19.5      | 28       | 16.1  | 33     | 19.0 | 18     | 10.3    | 174                | Amput. femor. Anaemie durch Blutverlust. Trauma.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1   | 58      | zieml. kräftig.  | 29      | 17.3      | 28,5   | 17.0  | 26     | 15.5      | 18,5     | 11.0  | 25     | 14.9 | 17     | 10.1    | 167.5              | Pyarthros genu. Pneumon. dextr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     | 58      |                  | 26      | 15.1      | 26     | 15.1  | 25     | 14.5      | 18       | 10.5  | 27     | 15.7 | 20     | 11.6    | 172                | Carcin. ventric.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1   | 58      | -                | 29      | 16.5      | 27     | 15.3  | 29     | 16.5      | 21       | 11.9  | 24     | 13.6 | 20     | 11.4    | 176                | Empyema. Peritonit. Fettleber.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|     | 58      | kräftig; fett.   | 29      | 17.6      | 29     | 17.6  | 22     | 13.3      | 20       | 12.1  | -      | -    | 16     | 9.7     | 165                | Carcin. gland. coll. Tod nach Operat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|     | 58      | sehr abgem.      | -       | -         | -      | -     | 28     | 16.9      |          | 9.7   | 27     | 16.3 | 18.5   | 11.2    | 165                | Carcin, coli,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|     | 59      | -                | -       | -         | 28     | 15.4  | 33     | 18.1      | -        | _     | -      | -    | 22     | 12.1    | 182                | Carcinoma oesophag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| -   | 59      | -                | 27      | 16.1      | 27     | 16.1  | 100    | 16.6      | 21       | 12.5  | 32     | 19.0 | 20     | 11.9    | 168                | Carcin. ventric.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ı   | 59      | _                | 31      | 17.4      | 10000  | 16.9  | 1000   | D 3 F 3 S | 23.5     | E (0) |        | 18.0 | 1000   | 1000000 | 177.5              | Emphys. pulm. Coloss. Hypertr. cord. Interstit.<br>Nephrit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ,   | 59      | -                | 26.5    | 1 - 0 - 0 |        | 15.4  | 1000   | 15.7      | 10000000 | 10.2  |        | 132  | 18478  | 11.4    |                    | Pleuritis, Interst, Nephrit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1   |         |                  |         |           |        |       |        |           |          |       |        |      |        | MAR     | -                  | Allen Maria and Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -   | -       |                  |         |           |        |       |        |           |          |       |        |      |        |         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| I   | ttel .  |                  | 27.6    | 16.1      | 26.4   | 15.3  | 26.3   | 15.3      | 19.1     | 11.1  | 26.5   | 15.5 | 18.7   | 10.9    | 171.8              | April 19 Sept.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1   |         |                  |         |           |        |       |        |           |          |       |        |      |        |         |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|     |         |                  | 1       |           | 1      | 1     | 1      |           | 1 7 (1)  |       | 1      |      |        |         |                    | the contract of the property of the contract o |

## XXII. 50. bis 60. Lebensjahr.

| -   |        |                                        |                       |              |              |              |                 |              |              |              |               |              |              |             |                      |                                                                 |
|-----|--------|----------------------------------------|-----------------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|-------------|----------------------|-----------------------------------------------------------------|
| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac, comm.<br>dextr. | Auf 100 Ctm. | Iliac, comm. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm | Körperlänge.<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.              |
| 1   | 50     | mittel.                                | 23                    | 13.3         | 22           | 12.7         | 22              | 12.7         | 18           | 10.4         | 25            | 14.5         | -            | _           | 173                  | Carcin. ut., vesic., ovar., retroperit.                         |
| 2   | 50     | hochgr. abg.                           | 21                    | 12.4         | 24           | 14.2         | -               | -            | 15           | 8.9          | 24            | 14.2         | 16           | 9.4         | 169                  | Alte Tubercul. Carcin vagin. et recti.                          |
| 3   | 50     | m -1/1 in                              | 20                    | 11.3         | 19           | 11.2         | 19              | 11.2         | 18           | 10.6         | 23            | 13.5         | 18           | 10.6        | 170                  | Caries oss, petros,                                             |
| 4   | 50     | sehr abgem.                            | 18                    | 11.2         | 17           | 10.6         | 23              | 14.4         | 15           | 9.4          | 21            | 13.1         | 15.5         | 9.7         | 160                  | Fract. coll. fem. Septicaemie. Paralyt. Geistesstö              |
| 5   | 50     | abgemagert.                            | 18                    | 11.6         | 20           | 12.9         | 21.5            | 13.9         | 16           | 10.3         | 28            | 18.1         | 16           | 10.3        | 155                  | Carcin, ut. et recti.                                           |
| 6   | 51     | -                                      | 26                    | 16.3         | 26           | 16.3         | 26              | 16.3         | 16           | 10.0         | 28            | 17.6         | 18           | 11.3        | 159                  | Carcin. ut. et recti.                                           |
| 7   | 52     | stark abgem.                           | 24                    | 15.3         | 25           | 15.9         | 26              | 16.5         | 17           | 10.8         | 26            | 16.5         | 24           | 15.3        | 157                  | Carcin, hepat., retroperit., pulm.                              |
| 8   | 52     | -                                      | 27                    | 16.5         | 25           | 15.3         | 28              | 17.1         | 19           | 11.6         | 27_           | 16.5         | 19           | 11.6        | 163                  | Carcin, ut. Peritonit. Cirrh, hepat.                            |
| 9   | 52     | stark abgem.                           | 25                    | 15.4         | 25           | 15.4         | 25              | 15.4         | 18           | 11.1         | 25            | 15.4         | 18           | 11.1        | 162                  | Carcin. hepat. Schiefr. Indurat. beider obere<br>Lungenlappen.  |
| 10  | 53     | abgemagert.                            | 26                    | 16.9         | 25           | 16.2         | 23              | 15.0         | 20           | 13.0         | 27            | 17.5         | 20           | 13.0        | 154                  | Carcin. ventricul.                                              |
| 11  | 53     | zieml, kräftig.                        | 21                    | 13.0         | 24           | 14.8         | 28              | 17.3         | 20           | 12.3         | 29            | 17.9         | -            | -           | 162                  | Carcin, ventricul,                                              |
| 12  | 55     | sehr abgem.                            | 22                    | 14.4         | 24           | 15.7         | 22              | 14.4         | 18           | 11.8         | 22            | 14.4         | 15           | 9.8         | 153                  | Carcin, uter, et vesicae.                                       |
| 13  | 561/2  | mager.                                 | -                     | -            | 20           | 13.4         | 24              | 16.1         | 19           | 12.8         | -             | -            | -            | -           | 149                  | Alte Lungenphthisis. Ulc. intestin. rec.                        |
| 14  | 56     | -                                      | 25                    | 16.3         | 25.5         | 16.6         | 25              | 16.3         | 20           | 13.1         |               | -            | 1-           | -           | 153                  | Schiefr. Indurat. d. Lunge. Emphysem. Ath. aor                  |
| 15  | 57     | mäss, abgem.                           | 23                    | 14.7         | 20           | 12.8         | 24              | 15.4         | 19.5         | 12.5         | 30            | 19.2         | 22           | 14.1        | 156                  | Carcin, colloid, des Magens.                                    |
| 16  | 58     | desgl.                                 | 19                    | 11.4         | 20           | 11.9         | 20.5            | 12.3         | 16           | 9.6          | 18            | 10.8         | 14           | 8.4         | 167                  | Carcin. dur. beider Ovarien. Emphys. pulmer<br>Carcin. periton. |
| 17  | 58     | kräftig.                               | 27                    | 16.4         | 27           | 16.4         | 31              | 18.8         | 17           | 10.3         | 31            | 18.8         | 19           | 11.5        | 165                  | Cystosarc, ovarii.                                              |
| 18  | 58     | mäss. abgem.                           | 23.5                  | 14.7         | 26           | 16.2         | 23.5            | 14.7         | 21           | 13.1         | 29            | 18.1         | 21           | 13.1        | 160                  | Carcin, mammae. Coloss. Angiom. cav. hepa                       |
| 19  | 59     | sehr fett.                             | 25                    | 15.7         | -            | -            | 25              | 15.7         | 17           | 10.7         | -             | -            | -            | -           | 159                  | Thrombos, cordis. LungEmbolie. Cirrh. her                       |
| -   |        |                                        | 99.9                  | 14.0         | 99.0         | 140          | 040             | 150          | 170          | 11.0         | 05.0          | 100          | 100          | 11.         | 1000                 |                                                                 |
| Mi  | ttel . |                                        | 22,3                  | 14.2         | 23,0         | 14.3         | 24.2            | 15.2         | 17.9         | 11.2         | 25,8          | 16.0         | 18.2         | 11.4        | 160.3                |                                                                 |
|     |        |                                        |                       | 147          | 17 1         | 1000         |                 | 1 1          | 131          | 4            | 16            | 100          | 1.           | - 41        | 100                  |                                                                 |

# XXIII. 60. bis 70. Lebensjahr.

a. männlich.

|      | -      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |              |             |              |                 |              |              |              |               | 1            |              |              |              |                                                         |
|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|-------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------------------------------------------------|
| - N. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Hiac. comm. | Auf 100 Ctm. | Hiac, comm. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Körperlänge. | Todesursache<br>und<br>wesentliche Krankheitsform.      |
|      | 61     | The state of the s | 30          | 17.4         | 29          | 16.9         | 28              | 16.3         | 17           | 9.9          | 24            | 14.0         | 20.          | 11.6         | 172          | Hern. femoral gangr.                                    |
| 1    | 61     | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1-0         | -            | 27          | 15.0         | 23              | 12.8         | 16,5         | 9.2          | 25            | 13.9         | 17           | 9.4          | 180          | Carcin. card. Pneumon.                                  |
| 1    | 61     | abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 31          | 19.0         | 32          | 19.6         | 32              | 19.6         | 21           | 12.9         | 40            | 24.5         | 20,5         | 12.6         | 163          | Carcin. ventric. Pneumon. Cirrh. pulm. lob.             |
| 3    | 62     | abgemagert.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 23.5        | 13.4         | 24          | 13.7         | 22              | 12.6         | 19           | 10.9         | 23            | 13.1         | 17           | 9.7          | 175          | Mil. Sarcom. des Periton. Atherom. Emphys.              |
|      | 62     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22          | 13.3         | -           | -            | 21              | 12.7         | 21           | 12.7         | -             | -            | -            | -            | 166          | Fract. crur. Pyaemie.                                   |
|      | 62     | - 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 25          | 13.9         | 24          | 13.3         | -               | -            | 20           | 11.1         | 22            | 12.2         | 20           | 11.1         | 180          | Elephant. scrot. Hypertr. cord. Pleurit. acut.          |
|      | 63     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25          | 13.7         | 24          | 13.1         | 27              | 14.8         | 24           | 13.1         | 32            | 17.5         | 22           | 12.0         | 183          | Fettherz. Fettleber. Pleurit. Exsud. Ath. aort. Struma. |
|      | 63     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30          | -            | 30          | -            | 25              | -            | -            | -            | 24            | -            | 14           | -            | -            | Doppels, croup, Pneumon. Chron. Nephrit.                |
|      | 63     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23          | 14.3         | 28          | 17.4         | 28              | 17.4         | 18           | 11.2         | 32            | 19.9         | 18           | 11.2         | 161          | Phthis pulmon. Ulc. tub. des Darms.                     |
| 1    | 63     | mittelgut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28          | 16.6         | 30          | 17.8         | 27              | 16.0         | 19           | 11.2         | 27            | 16.0         | 18.5         | 10.9         | 169          | Carcin, ventric. Eitr. Pleurit.                         |
| 1    | 63     | mittelgut.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 31.5        | 17.5         | 33          | 18.3         | 32              | 17.8         | 16           | 8.9          | 33            | 18.3         | 17.5         | 9.7          | 180          | Epithelcarcinom. am duct. choled. Icterus.              |
| 1    | 64     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32          | 18.3         | 32          | 18.3         | 26              | 14.9         | 19           | 10.9         | 26            | 14.9         | -            | -            | 175          | Ausged. amyl. Degen. Erysip. fac. Pleurit.              |
| 1    | 64     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 27          | 15.5         | 27          | 15.5         | 22              | 12.6         | -            | -0-          | -             | -            | -            | -            | 174          | Nephritis interstit. Papillom des Magens.               |
| 1    | 64     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 21          | 12.7         | 30          | 18.2         | -               | -            | 22           | 13.3         | -             | -            | -            | -            | 165          | Verbreit, Mil. Tuberc, Fettherz u. Fettleber.           |
| 1    | 64     | gut,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 35          | 21.3         | 35          | 21.3         | 30              | 18.3         | 19           | 11.6         | 31            | 18.9         | 19.5         | 11.9         | 164          | Interstit. Hepatit. u. Nephrit.                         |
| 1    | 65     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22          | 13.4         | 26          | 15.8         | 23              | 14.0         | 17           | 10.4         | 20            | 12.2         | 16           | 9.8          | 164          | Caries in art ped. Amput. Pyaemie.                      |
| 1    | 65     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 27.5        | 16.6         | 25          | 15.4         | 27              | 16.4         | 17.5         | 10.6         | 27            | 16.4         | 17           | 10.3         | 165          | Cirrhos, pulm. Eitr. Pleuritis.                         |
| 1    | 67     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25          | 14.9         | 24          | 14.3         | 26              | 15.5         | 18           | 10.7         | 23            | 13.7         | 22           | 13.1         | 168          | Epithelcarcinom. Amput man. Septicaemie.                |
| 1    | 67     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 27          | 15.9         | 26          | 15.3         | 28              | 16.5         | 15           | 8.8          | -             | -            | 16           | 9.4          | 170          | Pneumonie lob. Emphysema.                               |
| 21   | 1 33   | zieml. kräft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 31          | 17.4         | 28          | 15.7         | 34              | 19.1         | 18.5         | 10.4         | 35            | 19.7         | 19.5         | 10.9         | 178          | Schiefr. Indur. d. Lungen. Mil. Tuberc.                 |
| 2    | 68     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32          | 19.0         | 38          | 22.6         | 28              | 16.7         | 19           | 11.3         | 33            | 20.0         | 19           | 11.3         | 168          | Fract. costar. Haemothorax.                             |
|      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | -            | 10000       |              | +               |              | -            | -            | -             | -            |              |              |              |                                                         |
| M    | el .   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 27.4        | 16.0         | 28.6        | 16.7         | 26.8            | 15.8         | 18.7         | 11.0         | 28.0          | 16.6         | 18.4         | 10.9         | 171.0        | and the state of                                        |
|      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1           |              |             | 1            | 1               |              |              |              |               |              |              |              |              |                                                         |

|   | 1000 |               |      |      |      |        |      |      |      |      |      |      |      |      |       |                                                                                      |
|---|------|---------------|------|------|------|--------|------|------|------|------|------|------|------|------|-------|--------------------------------------------------------------------------------------|
|   | 60   | stark abgem.  | 200  | 11.0 | 100  | 11.7   |      | 14.3 | 1578 | 9.7  |      | 18.2 | 15   |      | 154   | Carcinoma ventric., hepat., recti. Carcinomatos. deg. Ovarialcyst. Metastat. Carcin. |
| i | 61   | stark abgem.  |      | 16.7 |      | 100000 | 23.5 | TALL |      | 12.7 | 0000 | 14.7 | 18   | 12.0 | 150   | d. Milz u. Pleura.                                                                   |
| 3 | 62   | zieml. gut.   | 27   | 16.3 | 26   | 15.7   | 29   | 17.5 | 20   | 12.0 | 29   | 17.5 | 20   | 12.0 | 166   | Sarcoma telangiect. maxill. Pyaemie.                                                 |
| 4 | 62   | s. stark abg. | 22   | 13.4 | 24   | 14.7   | 20   | 12.3 | 14   | 8.6  | 18   | 11.0 | 14   | 8.6  | 163   | Carcinoma uteri.                                                                     |
| - | 62   | fett.         | 19   | 12.4 | 18.5 | 12.1   | 15   | 9.8  | 15.5 | 10.1 | 18.5 | 12.1 | 18.5 | 12.1 | 153   | Thrombos, ven crur.,cord. pulmon. Alter apoplekt.<br>Heerd im Gehirn.                |
| - | 63   | sehr abgem.   | 26   | -    | 29   | -      | 31   | -    | 20   | -    | 30   | -    | 20   | -    | -     | Carcin. mammae. Scoliosis.                                                           |
| 1 | 64   | mässig.       | 24   | 14.8 | 24   | 14.8   | 24   | 14.8 | 20   | 12.3 | 30   | 18.5 | 19   | 11.7 | 162   | Carcin. amygdal. et gl. lymph. Atherom.                                              |
| * | 64   | zieml. gut.   | 20   | 13.2 | 24   | 15.8   | 21   | 13.8 | 14,5 | 9.6  | 25   | 16.4 | 16   | 10.5 | 152   | Insuff. valv. aort. Bronchectat. Cav. Interst. Nephr.                                |
| - | 65   | desgl,        | 22   | 14.3 | 21   | 13.6   | 25   | 16.2 | 18   | 11.7 | 28   | 18.2 | 18   | 11.7 | 154   | Emphys. pulm. Granul. Niere.                                                         |
| M | el . |               | 22,4 | 14.0 | 23,6 | 14.6   | 23.4 | 14.3 | 17.3 | 10.8 | 25.4 | 15.8 | 17.5 | 10.9 | 156.7 |                                                                                      |
|   |      |               |      |      |      |        |      |      |      |      |      |      |      |      |       |                                                                                      |
|   |      |               | 1    | 1    |      |        |      |      |      |      |      |      |      |      |       |                                                                                      |

## XXIV. 70. bis 80. Lebensjahr.

a. männlich.

| Nr. | Alter. | Allgemeiner<br>Ernährungs-<br>zustand. | Hiac, comm. dextr. | Auf 100 Ctm. | Iliac, comm.<br>sinistr. | Auf 100 Ctm. | Subel, sinistr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Körperlänge<br>Ctm. | Todesursache<br>und<br>wesentliche Krankheitsform.                           |
|-----|--------|----------------------------------------|--------------------|--------------|--------------------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------------|------------------------------------------------------------------------------|
| 1   | 70     | _                                      | 42                 | 25.1         | 44                       | 26.3         | 34              | 20.4         | 26           | 15.6         | -             | -            | 25           | 15.0         | 167                 | Schiefr. Indur. d. Lunge. Hypertr. cord. Gran<br>Nierc. Schr weite Arterien. |
| 2   | 71     | -                                      | 28                 | 16.1         | 26                       | 15.0         | 34              | 19.5         | 21           | 12.1         | 32            | 18.4         | 18.5         | 10.6         | 174                 | Fract. vertebr. lumb. Haemothorax. Emphys. pul                               |
| 3   | 72     | zieml. kräftig.                        | 30                 | 17.4         | 28                       | 16.3         | 29              | 16.9         | 23           | 13.4         | -             | -            | -            | -            | 172                 | Emphysem. pulm.                                                              |
| 4   | 72     | hochgr. abg.                           | 20                 | 12.4         | 22                       | 13.7         | 20              | 12.4         | 19           | 11.8         | 22            | 13.7         | 16           | 9.9          | 161                 | Phthis. pulmon.                                                              |
| 5   | 73     |                                        | 29                 | 16.1         | 29                       | 16.1         | 32              | 17.8         | 23           | 12.8         | -             | -            | -            | -            | 180                 | Fract. coll. fem. Pyaemie.                                                   |
| 6   | 73     | stark abgem.                           | 36                 | 21.8         | 37                       | 22.4         | 33              | 20.0         | 19           | 11.5         | 40            | 24.2         | 22           | 13.3         | 165                 | Carcin, hepat et lienis.                                                     |
| 7   | 73     | gut; kräftig.                          | 25.5               | 15.3         | 26                       | 15.6         | 25              | 15.0         | 17           | 10.2         | 28            | 16.8         | 17           | 10.2         | 167                 | Carcin, pancreat et recti.                                                   |
| 8   | 74     | stark abgem.                           | 29                 | 17.8         | 28                       | 17.2         | 28              | 17.2         | 21           | 12.9         | 26            | 16.0         | 19           | 11.7         | 163                 | Carcin, linguae.                                                             |
| 9   | 76     | stark abgem.                           | 24                 | 14.7         | 25                       | 15.3         | 23              | 14.1         | 13           | 8.0          | 24            | 14.7         | 18           | 11.0         | 163                 | Pyarthros genu. Peribronch. u. Mil. Tub. Ce                                  |
| 10  | 78     | -                                      | 29                 | 17.7         | 33                       | 20.1         | 28              | 17.1         | 17           | 10.4         | 24            | 14.6         | 19           | 11.6         | 164                 | Marant. Thrombos. Atherom, arter. Fettleb                                    |
| Mi  | ttel . |                                        | 29,2               | 17.4         | 29,8                     | 17.8         | 28.6            | 17.0         | 19,9         | 11.8         | 28,0          | 16.9         | 19,3         | 11.6         | 167.6               |                                                                              |

| 1 | 73 | - | 33 | 20.8 | 31 | 19.5 | 27 | 17.0 | 19 | 11.9 | 28  | 17.6 | 19 | 11.9 | 159 | Carcin, hepatis. | Ath. aort. | Hypertr. con |
|---|----|---|----|------|----|------|----|------|----|------|-----|------|----|------|-----|------------------|------------|--------------|
| 2 | 73 |   |    |      |    |      |    |      |    |      |     |      |    |      |     | Carcin, hepatis. |            |              |
|   |    |   |    |      |    |      | 1  | 1    |    | 1    | 100 |      |    |      |     |                  |            |              |

XXV. Zusammenstellung der Mittelzahlen.

|                                          |             | and the same of        |              |              |              |              |              |              |              |               |              |              |              |                      |                                 |
|------------------------------------------|-------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|----------------------|---------------------------------|
| Alter.                                   | Geschlecht, | Iliac, comm,<br>dextr. | Auf 100 Ctm. | Iliac. comm. | Auf 100 Ctm. | Subcl. sin.  | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Subcl. dextr. | Auf 100 Ctm. | Carot, comm. | Auf 100 Ctm. | Körperlänge.<br>Ctm. | Zahl der<br>Be-<br>obachtungen. |
| Titgeboren                               | m.<br>w.    | 9.1                    | 17.5         | 9 -          | 17.3         | 8 _          | 15.8         | 7.6          | 15.1         | 9,5           | 18.3         | 8.1          | 17.5         | 51.6                 | 4 1                             |
| Ete 11 Tage                              | m.<br>w.    | 8                      | 15.9         | 8            | 15.9         | 9            | 17.5         | 7,5          | 14.9         | 9,1           | 18.0         | 7.9          | 15.6         | 50,2                 | 2 4                             |
| 1 Tag bis Ende des<br>3. Monats.         | m,<br>w.    | 7,3<br>7,2             | 13.6<br>13.2 | 7.2<br>7.3   | 13.3<br>13.3 | 8.9<br>8.6   | 16.5<br>15.8 | 8,5<br>8,8   | 15.7<br>15.9 | 9.4<br>9.9    | 17.4<br>17.8 | 8.4<br>8.7   | 15.6<br>15.7 | 53.7<br>55.2         | 16<br>12                        |
| 3 Monat bis Ende des<br>1. Lebensjahres. | m.<br>w.    | 8,4<br>7,5             | 13.1<br>12.0 | 8,6<br>7,6   | 13.4<br>12.2 | 11.3<br>10.3 | 17.5<br>16.7 | 10.7<br>10.2 | 16.6<br>16.3 | 12.3<br>11.0  | 19.4<br>17.4 | 10.9<br>10.5 | 17.0<br>16.9 | 65,2<br>62,3         | 9                               |
| 2. ebensjahr.                            | m.<br>w.    | 9,4<br>9,4             | 13.0<br>12.5 | 9.4<br>9.1   | 12.9<br>12.1 | 12.7<br>11.7 | 17.6<br>15.6 | 12.3<br>12,1 | 17.5<br>15.8 | 14.0<br>13.7  | 19.3<br>18.1 | 12.4<br>11.9 | 17.1<br>15.8 | 72.8<br>75.5         | 11 8                            |
| 3. Lebensjahr.                           | m.<br>w.    | 9.4<br>9.1             | 11.6<br>10.9 | 9.4<br>9.0   | 11.5<br>10.7 | 13.6<br>13.2 | 16.8<br>15.8 | 13.5<br>12.5 | 16.7<br>15.0 | 14.6<br>14.0  | 18.1<br>16.9 | 12,5<br>12,8 | 15.5<br>15.3 | 81.2<br>84.0         | 12<br>9                         |
| 4. Lebensjahr.                           | m.<br>w.    | 10,7                   | 11.4         | 11           | 11.7         | 15.0         | 16.4         | 13.5         | 14.5         | 16.7          | 17.9         | 14.1         | 15.2         | 93,5                 | 4 2                             |
| 5. ebensjahr.                            | m.<br>w.    | 11.4                   | 11.8         | 11.1         | 11.5         | 14.5         | 15.0         | 13.7         | 14.3         | 14.6          | 15.2         | 14.4         | 14.9         | 96,2                 | 1 4                             |
| 6. ebensjahr.                            | m.<br>w.    | 11.0                   | 10.4         | 11.6         | 11.0         | 14.3         | 13.7         | 13.6         | 12.9         | 15,9          | 15.1         | 14.2         | 13.5         | 105.7                | 6 2                             |
| 7. ebensjahr.                            | m.<br>w.    | 13.4                   | 11.4         | 14.1         | 12.1         | 16.0         | 13.7         | 15.1         | 13.0         | 17.3          | 15.1         | 14.9         | 12.8         | 116.2                | 4 2                             |
| 8. ebensjahr.                            | m.<br>w.    | 12.7                   | 10.8         | 12.4         | 10.5         | 14.7         | 12.5         | 13,9         | 11.8         | 16.6          | 14.2         | 15.2         | 12.9         | 117.9                | 2 2                             |
| 9. ebensjahr.                            | m.<br>w.    | 12.6                   | 10.0         | 11.6         | 9.3          | 16.1         | 12.9         | 14,8         | 11.8         | -             | -            | -            | -            | 125,3                | 2                               |
| (Lebensjahr.                             | m.<br>w.    | }14.0                  | 11.6         | 13.8         | 11.4         | -            | -            | 15,5         | 13.1         | -             | -            | 16           | 13.3         | 120.6                | 2                               |
| 2Lebensjahr.                             | m.<br>w.    | 15,6                   | 11.4         | 15.3         | 11.1         | -            | -            | 16.0         | 11.6         | -             | -            | 16           | 11.6         | 137.3                | 2                               |
| 4Lebensjahr.                             | m.<br>w.    | }16.1                  | 12.0         | 15.1         | 11.1         | 16.7         | 12.2         | 15.5         | 11.4         | 18.3          | 13.6         | 15.1         | 11.1         | 136.7                | 2 3                             |
| 5 Lebensjahr.                            | m.<br>w.    | 16,5<br>15,2           | 11.5<br>10.3 | 16.1<br>14.6 | 11.2<br>9.9  | 17.3         | 12.0         | 16.3<br>15.2 | 11.3<br>10.3 | 20.2<br>18.5  | 14.0<br>12.4 | 16.4<br>15.2 | 11.4<br>10.3 | 143.6<br>147.3       | 5<br>3                          |
| 6 Lebensjahr.                            | m.<br>w.    | 16,3                   | 10.6         | 17.3         | 11.1         | 17.8         | 11.5         | 17.1         | 11.0         | 20,3          | 13.1         | 17.1         | 11.0         | 155.1                | 8 2                             |
| 1                                        |             | 1                      | -            |              |              |              |              |              |              | -             | 1            |              |              |                      |                                 |

XXV. Zusammenstellung der Mittelzahlen (Fortsetzung).

|                         |             |                       |              |                          |              |                 |              |              |              |               |              |                        |              |                     | 1               |
|-------------------------|-------------|-----------------------|--------------|--------------------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|------------------------|--------------|---------------------|-----------------|
| Alter.                  | Geschlecht. | Hiac, comm,<br>dextr. | Auf 100 Ctm. | lliae, comm.<br>sinistr. | Auf 100 Ctm. | Subcl. sinistr. | Auf 100 Ctm. | Carot. comm. | Auf 100 Ctm. | Subel, dextr. | Auf 100 Ctm. | Carot. comm.<br>dextr. | Auf 100 Ctm. | Körperlänge<br>Ctm. | Zahl der<br>Be- |
|                         |             |                       |              |                          |              |                 |              |              |              |               |              |                        |              |                     |                 |
| 17. Lebensjahr.         | m.          | 17.3                  | 11.0         | 17.1                     | 10.9         | -               | -            | 18.1         | 11.6         | -             | -            | -                      | -            | 156.6               | 3               |
| 11. Dobbinjam.          | w.          | 16.6                  | 11.3         | 16.2                     | 10.8         | 18.1            | 11.9         | 16.1         | 10.7         | 20.0          | 13.3         | 16.4                   | 10.9         | 150,9               | 4               |
|                         | m.          | 18.2                  | 11.3         | 18.5                     | 11.3         | 20.1            | 12.4         | 16.9         | 10.5         | 21.1          | 13.1         | 17.8                   | 11.0         | 161.3               | 7               |
| 18. Lebensjahr.         | w.          | 17.1                  | 10.7         | 17.6                     | 10.9         | 18.0            | 11.4         | 16.7         | 10.5         | 18.6          | 12.0         | 17.3                   | 11.1         | 159                 | 5               |
|                         |             |                       |              |                          |              |                 |              |              |              |               | 12.0         |                        |              |                     |                 |
| 19. Lebensjahr.         | m.          | 19                    | 11.3         | 19                       | 11.3         | 19              | 11.5         | 17.5         | 10.6         |               | -            | -                      | -            | 167.7               | 4               |
|                         | W.          | 18.6                  | 11.3         | 18.8                     | 11.4         | 19              | 11.5         | 16.6         | 10.1         | 20.3          | 12.3         | -                      | -            | 164.6               | 3               |
| 20. und 21. Lebensjahr. | m.          | 19.9                  | 11.7         | 19.9                     | 11.7         | 19.8            | 11.7         | 18.3         | 10.7         | 21.4          | 12.5         | 18.5                   | 10.9         | 169.7               | 12              |
|                         | w.          | 17.4                  | 11.2         | 18.1                     | 11.6         | 18.2            | 11.8         | 16.5         | 10.7         | 20.5          | 13.2         | 16.5                   | 10.7         | 154.7               | 5               |
| 90 U 95 T.L             |             | 20.0                  |              | 100                      | 11.7         | 01.1            | 12.4         | 17.6         | 104          | 00.0          | 13.4         | 18.1                   |              | 170.4               | 35              |
| 22. bis 25. Lebensjahr. | m.          | 18.8                  | 11.7<br>11.8 | 19.9                     | 11.4         | 21.1            | 12.4         | 16.3         | 10.3         | 22.8          | 13.1         | 17.1                   | 10.6         | 159.6               | 15              |
|                         | w.          | 10.0                  | 11.0         | 10.1                     |              | 13.4            | 12.1         | 10.5         | 10.5         | 20.0          | 13.1         | 1111                   | 10.8         | 155.0               |                 |
| 26. bis 30. Lebensjahr. | m.          | 20.7                  | 12.1         | 20.8                     | 12.1         | 21.7            | 12.7         | 18.2         | 10.7         | 23.5          | 13.7         | 18.4                   | 10.7         | 171.3               | 2:              |
|                         | w.          | 18.7                  | 11.9         | 18.6                     | 11.9         | 20.5            | 13.1         | 17.6         | 11.3         | 22.6          | 14.4         | 18.0                   | 11.5         | 156,2               | 17              |
| 30. bis 40. Lebensjahr. | m.          | 22.7                  | 13.4         | 22.6                     | 13.3         | 24.3            | 14.3         | 18.9         | 11.1         | 24.1          | 14.2         | 19.6                   | 11.5         | 170                 | 34              |
| oo, bis av, moonigum.   | w.          | 19.7                  | 12.5         | 19.8                     | 12.6         | 20.7            | 13.2         | 17.0         | 10.9         | 21.7          | 13.8         | 17.9                   | 11.4         | 156,9               | 21              |
|                         |             |                       |              |                          |              |                 |              |              |              |               | 1            |                        |              |                     |                 |
| 40. bis 50. Lebensjahr. | m.          | 25.0                  | 14.7         | 24.7                     | 14.2         | 23.7            | 13.9         | 18.3         | 10.7         | 25.4          | 15.0         | 18.7                   | 11.0         | 169.5               | 4               |
|                         | w.          | 22.1                  | 13.9         | 21.3                     | 13.5         | 20.9            | 13.4         | 17.0         | 10.9         | 22.6          | 14.4         | 17,7                   | 11.3         | 157.2               | 1.              |
| 50. bis 60. Lebensjahr. | m.          | 27.6                  | 16.1         | 26.4                     | 15.3         | 26.3            | 15.3         | 19.1         | 11.1         | 26.5          | 15.5         | 18.7                   | 10.9         | 171.8               | 3               |
|                         | w.          | 22.9                  | 14.2         | 23.0                     | 14.3         | 24.2            | 15.2         | 17.9         | 11.2         | 25.8          | 16.0         | 18.2                   | 11.4         | 160.3               | 1               |
| 60. bis 70. Lebensjahr. | -           | 27.4                  | 16.0         | 28.6                     | 16.7         | 26.8            | 15.8         | 18.7         | 11.0         | 28.0          | 16.6         | 18.4                   | 10.9         | 171.0               | 2               |
| ov. bis iv. Decensjant. | m.<br>w.    | 22.4                  | 14.0         | 23.6                     | 14.6         | 23.4            | 14.3         | 17.3         | 10.8         | 25.4          | 15.8         | 17.5                   | 10.9         | 156.7               |                 |
|                         |             |                       | 1000         | 100000                   | · · ·        |                 |              |              |              |               | -            |                        | -            | 1                   |                 |
| 70. bis 80. Lebensjahr. | m.          | 29.2                  | 17.4         | 29.8                     | 17.8         | 28.6            | 17.0         | 19.9         | 11.8         | 28.0          | 16.9         | 19.3                   | 11.6         | 167.6               | 1               |
|                         | w.          | -                     | -            | -                        | -            | -               | -            | -            | -            | -             | -            | -                      | -            | -                   | 100             |
|                         |             |                       | 1            |                          |              |                 |              |              |              |               | 1,110        | 1                      |              | 1                   | 100             |
|                         |             |                       | 1            | 1                        | 1            |                 |              | 1            |              |               | 199          | 1                      |              | 1                   | 100             |

Die auf Tabelle XXV zusammengestellten Mittelzahlen sind auf den anhängenden Tafeln graphisch verzeichnet, und diese werden die Hauptergebnisse leicht übersehen lassen. Auch hier wurde, wie in der ersten Abhandlung, der Raum für die Lebensjahre von 20 bis 80 verkürzt, und für die ersten 3 Lebensmonate die erste Abscissen-Spalte benutzt. — Wird damit auch die Form der ganzen Curve in ihrer Naturwahrheit beeinträchtigt, so erfüllt sie doch ihren Hauptzweck, eine rasche Uebersicht über die Ergebnisse der Messungen zu gewähren. Zudem sind alle meine Messungen noch als vorläufige zu betrachten, und die Aufgabe, vollendet naturwahre Curven, welche das Wachsthum der grossen arteriellen Gefässe darstellen, zu zeichnen, wird erst dann zu erfüllen sein, wenn das Beobachtungsmaterial einen hinreichenden Umfang gewonnen hat.

Die Resultate, zu welchen meine Arbeit geführt hat, werden sich am einfachsten darstellen lassen, wenn wir jedes einzelne Arterienpaar gleichen Namens gesondert betrachten. Wir erfahren in dieser Weise Folgendes:

1. Die Iliacae communes nehmen, wie dies die Curven sehr deutlich erkennen lassen, vom Beginn des Lebens bis an das Ende desselben ständig an Umfang zu. Diese Umfangszunahme ist in den ersten 20 Lebensjahren annähernd genau so gross, als in den späteren 60 Lebensjahren (von 20 bis 80). Beim weiblichen Geschlechte ist der Umfang im kindlichen Alter nahezu derselbe, wie beim männlichen. Nach vollendeter Pubertät sind aber die weiblichen Iliacae entschieden von geringerem absoluten Umfang, als die männlichen (vergl. Tafel V). Bei beiden Geschlechtern ist die Umfangszunahme während der Pubertätsperiode (16 bis 20) etwas stärker, als in den vorausgehenden 7 Lebensjahren.

Eine auffallende Erscheinung hat sich bei den bisherigen Messungen für die ersten 3 Lebensmonate herausgestellt. Bei beiden Geschlechtern geht während derselben die Umfangszunahme der Iliacae um ein Geringes zurück; bei dem männlichen Geschlecht von 9 auf 7 mm, beim weiblichen von 8 auf 7 mm. Bestätigt sich dieses Ergebniss bei ferneren Untersuchungen, so dürfte dafür kaum ein anderer Grund aufzufinden sein, als das Aufhören des embryonalen Kreislaufs. Man darf annehmen, dass in Folge des Versiegens der Blutbahn der Artt. umbilicales der Blutdruck nicht nur in der art. hypogastrica, sondern auch in der Iliaca communis eine Herabsetzung erfährt, und in Folge dessen das Lumen der letzteren zeitweilig um ein Geringes durch die Verkürzung der elastischen Wandelemente herabgesetzt wird.

Auf die Frage nach dem Verhältniss des Wachsthums der Iliacae communes zu demjenigen der Aorta ascendens werden wir erst nach Vorlage auch der Messungsergebnisse an der Aorta thorac. und abdominal. näher eingehen können.

2. Die Arteriae subclaviae. Auch diese nehmen, wie die Curvenzeichnung deutlich darthut, von Anbeginn des Lebens bis zum Ende desselben ständig, und absolut etwa in gleichem Maasse, wie die Iliacae communes, an Umfang zu. Aber in der Intensität dieser Zunahme in den verschiedenen Lebensabschnitten zeigen die Subclaviae

eine auffallende Verschiedenheit von den Iliacae communes. Die Umfangszunahme derselben ist rechterseits sowohl, wie linkerseits insonderheit in den ersten 4 Lebensjahren beträchtlich grösser, als bei den Iliacae comm., sie bleibt entschieden beträchtlicher als bei diesen bis zur Vollendung der Pubertätszeit, nähert sich aber von dieser Zeit an mehr und mehr derjenigen der Iliacae, um schliesslich und gegen Ende der Lebenszeit von derjenigen der Iliacae überholt zu werden. Für die Entwickelung der Organe des Halses und diejenige des Gehirns ist dieses Verhältniss wohl nicht ohne Bedeutung, und diesse Auffassung gewinnt an Wahrscheinlichkeit, wenn wir die in dieser Beziehung noch viel auffallenderen und sogleich darzulegenden Verhältnisse der Carotides communes ins Auge fassen. Eine Zusammenstellung der aufgefundenen Maasse wird dazu dienen, das Gesagte noch anschaulicher zu machen.

Bei den Neugeborenen haben die Iliacae und Subclaviae nahezu einen gleichen Umfang. Derselbe beträgt bei beiden annähernd 9 Millimeter . . . . . = 1:1.00. Im Laufe des ersten Lebensjahres gewinnen die Subclaviae bereits einen Vorsprung. Wir finden ein Verhältniss von 8:11 . . . . . . . = 1:1.37. Im Laufe des vierten Lebensjahres zeigt sich bereits annähernd

Im 60. bis 70. Lebensjahre endlich ist der Umfang beider wieder nahezu gleich. Er beträgt im Mittel von beiden Geschlechtern annäherd 25:26 = 1:1.00

Was den Unterschied der Weite der Subclaviae bei beiden Geschlechtern anbetrifft, so ist derselbe in den ersten Lebensjahren ganz unerheblich. Von der Pubertätszeit an bleibt dagegen die weibliche Subclavia etwas mehr hinter der männlichen zurück. Bei einem absoluten Umfang der männlichen Subclavia von 20 bis 28 Millimeter übersteigt die Differenz der weiblichen aber kaum die Höhe von 1 bis 2 Millimeter.

3. Die Carotides communes zeigen ein von den beiden vorgenannten Arterienpaaren in höchst bemerkenswerther Weise abweichendes Verhalten. Ihr Umfang nimmt zwar auch ständig vom Beginn des Lebens bis an das Ende desselben zu. Aber diese Zunahme ist vom 21. bis 80. Lebensjahre so gering, dass es sich in der ganzen 60jährigen Periode nur um 1 bis 2 Millimeter handelt, während die Iliacae communes in derselben Periode einen Zuwachs von ca. 9 Millimeter, und die Subclaviae einen solchen von 7 bis 8 Millimeter erfahren. — In dem kindlichen und Pubertätsalter wachsen die Carotiden dagegen ziemlich parallel mit den Subclaviae, und sie bieten in dieser Lebensperiode den Iliacae gegenüber ähnliche Verhältnisse dar, wie diese.

Bis zum 4. Lebensjahre geht die Umfangszunahme der Carotiden weit rascher voran, als die der Iliacae; sie übertreffen die letzteren im 4. Lebensjahr nicht unbeträchtlich an absoluter Weite. Bis zum Beginn der Pubertätszeit nähert sich ihr absoluter Umfang dann mehr und mehr demjenigen der Iliacae. Während der Pubertätszeit selbst überholen darauf

die Iliacae die Carotiden; und in den späteren Lebensjahren überwiegt der Umfang der Iliacae denjenigen der Carotiden in immer zunehmendem Maasse.

Machen wir uns diese Verhältnisse auch hier an den gewonnenen Zahlen klar, so verhalten sich die Iliacae und Carotides:

```
im ersten Lebensjahr = 8:10.6 = 1:1.32.

, 4. , = 10.8:13.7 = 1:1.27.

, 16. , = 16.8:17 = 1:1.01.

, 60.—70. , = 25:18 = 1:0.72.
```

Gegenüber den Subclaviae haben die Carotides communes dabei während des ganzen Lebens einen geringeren Umfang; und in Folge der relativ sehr unbedeutenden Umfangszunahme der Carotiden nach vollendeter Pubertätszeit bleiben dieselben mit zunehmendem Alter immer mehr hinter den Subclaviae zurück.

Das Verhältniss des Carotidenumfangs beim männlichen und weiblichen Geschlechte ist ein durchaus gleiches, wie dasjenige der männlichen und weiblichen Subclaviae.

Im Hinblick auf diese verschiedenen Wachsthumsverhältnisse der Iliacae communes und der Carotides communes ist es von Interesse, dass schon Volkmann\*) auf die auffallende Differenz des Blutdrucks in der Carotis und der Art. cruralis von Hunden und Kälbern aufmerksam gemacht hat. - Nachdem Volkmann als Resultat seiner Untersuchungen den Satz aufgestellt hat, dass im Blutgefässsysteme, wie in todten Röhren, der hydrodynamische Druck von der Einflussmündung gegen die Ausflussmündung stetig abnimmt, fährt er fort: "Ich habe indess Fälle gesehen, welche zu diesem Gesetze nicht zu passen scheinen, und es ist sonderbar, dass derartige Fälle mir durchaus nur bei Vergleichung des Druckes in der Kopf- und Schenkelschlagader vorgekommen sind. Noch sonderbarer ist, dass sich der Druck in der Schenkelarterie fast ohne Ausnahme etwas grösser herausstellte, als in der Kopfschlagader, wonach die Annahme von Zufälligkeiten, welche im Spiele gewesen, kaum zulässig erscheint." Die beweisenden Versuche fügt Volkmann sofort hinzu. Dieses "sonderbare" Verhältniss erklärt sich scheinbar nun sehr einfach durch die Erkenntniss, dass die Carotis in den jüngeren Lebensjahren absolut nicht unbeträchtlich weiter ist, als die Iliaca communis, und der Druck des Blutes deshalb in dieser (und wahrscheinlich ebenso in den art. crurales) höher sein muss, als in der Carotis communis. In späteren Lebensjahren wird sich dies Verhältniss des Blutdruckes wahrscheinlich eben so umkehren, wie die relativen Umfänge der beiden genannten Gefässe, und wenn Volkmann in einer Note hinzufügt, dass er in einem Falle bei einem Kaninchen den Druck in der Carotis höher fand, als in der Cruralis, und dass "in einigen Fällen" der Blutdruck in beiden Gefässen beim Hunde gleich gross war, so waren dies vielleicht eben ältere Thiere. Leider giebt Volkmann das Alter der Thiere nicht an. Nur bei den "Kälbern" wird angeführt, dass sie resp. 20 und 30 Kilogramm schwer, also noch sehr jung waren. Bei diesen Kälbern wurde aber eben die Blutdruckdifferenz schlagend constatirt. Meiner Erklärung liegt selbst-

<sup>\*)</sup> s. Volkmann: Haemodynamik. 1850. S. 173.

verständlich die Vermuthung zu Grunde, dass die Carotiden- und Iliacae-Umfänge sich bei den genannten Thierspecies ebenso verhalten, wie beim Menschen.

Wenn ich erwäge, wie in dieser und verschiedenen anderen bereits erwähnten Beziehungen die Resultate meiner Messungen in vollem Einklang mit den zuverlässigsten physiologischen Untersuchungen über die Verhältnisse des Blutdruckes in verschiedenen Gefässprovinzen und in verschiedenen Altersperioden stehen, so gewinnt damit das Urtheil über deren Brauchbarkeit, und ich muss Volkmann's\*) Anschauung über die Unbrauchbarkeit dieser Messungen entgegentreten. Volkmann sagt in dieser Beziehung: "Wäre es möglich, die aus den Gefässspaltungen hervorgehende Erweiterung des Strombettes durch Messungen zu bestimmen, so wüsste man, wie die Geschwindigkeit der Blutbewegung in den verschiedenen Abschnitten des Gefässsystems sich änderte. Leider sind solche Messungen nicht ausführbar. Eine unerlässliche Bedingung der Genauigkeit würde sein, die Gefässe vor deren Messung zu injiciren, und zwar entweder unter Einwirkung desselben Druckes, welchem sie während des Lebens unterliegen, oder mindestens eines durch die ganze Ausdehnung des Gefässsystems proportionalen Druckes. Im lebenden Körper nimmt der Druck abwärts vom Herzen allmählich ab, weil er abhängig ist von den Widerstandsursachen. Diese allmähliche Abnahme würde sich bei der künstlichen Injection nicht nachahmen lassen. - Die anatomische Erkenntniss des Gefässsystems wird nie bis zu dem Punkte gelangen, wo man aus der bekannten Breite seiner Höhle in dem einen oder andern Abschnitte auf die bezügliche Geschwindigkeit der Blutbewegung folgern könnte." - Meine Messungen beweisen, dass diese "anatomischen Kenntnisse" doch einen höheren Werth beanspruchen dürfen. Den Einfluss der Leichenstarre kann man, wie ich mich an verschiedenen Arterien überzeugt habe, bei eingetretener Lösung derselben vollständig ausschliessen und = 0 setzen. Sollte aber die Elasticität der Arterienwandungen Veränderungen der absoluten Weite der Lumina der Arterien in der Leiche bedingen, so würden dieselben doch kaum in den relativen Verhältnissen der einzelnen Gefässe ein und derselben Leiche, und eben so wenig bei verschiedenen Leichen gleichen Alters, störend hervortreten und die Schlussfolgerungen beeinträchtigen. Die nahezu vollständige Uebereinstimmung der Schlussfolgerungen aus meinen Messungen mit den Ergebnissen des physiologischen Experimentes hat nur dazu beitragen können, mein Vertrauen auf dieselben zu erhöhen, und ich hoffe, dass diese Erfahrung nur dazu beitragen wird, den Werth jener Messungen in immer weiteren Kreisen anerkannt zu sehen.

Kehren wir nach dieser Abschweifung zu unseren drei Gefässpaaren zurück, so drängt sich bei der Erwägung der Verschiedenheit ihrer Wachsthumsverhältnisse, wie dieselben beim Anblick der Curventafeln sofort in die Augen springen, unwillkürlich der Gedanke auf, dass diese auffallenden Differenzen einen bestimmten Zweck, und zwar eine bestimmte Beziehung zu den Wachsthumsverhältnissen der von ihnen versorgten Organe haben müssen, und in der That ergiebt sich zunächst, dass das Wachsthum des Gehirns fast ganz parallel läuft der Umfangszunahme der Carotides communes, und dass

<sup>\*)</sup> a. a. O. S. 281.

sein Wachsthum insonderheit in jener Lebensperiode am mächtigsten ist, in welcher Carotiden und Subclaviae die relativ stärksten Umfangszunahmen erfahren, d. h. in den ersten 3 bis 4 Lebensjahren.

Um dies zu beweisen, habe ich in der nachfolgenden Tabelle die mir bekannten Gehirngewichte aller Altersperioden zusammengestellt. (Die Bestimmungen von N. Rüdinger und von Colombo und Pizzi sind dem Jahresbericht von Hofmann und Schwalbe pro 1877 S. 208 entnommen; diejenigen von E. Bischoff jun. befinden sich in Henle und Pfeuffer's Zeitschrift für rationelle Medicin, 3. Reihe, Bd. XX, 1863; diejenigen von Lorey im "Jahrbuch für Kinderheilkunde N. F., Bd. XII"; die von Rud. Wagner in den Nachrichten der königl. Gesellschaft der Wissensch. in Göttingen, Nr. 7, 1860; die von Blosfeld in Kasan in Ad. Henke's Zeitschr. für die Staatsarzneikunde, 1864, Heft 3, S. 58; die von Sims, Reid, Peacock u. s. w. in Huschke's "Schädel, Hirn und Seele", Jena, 1854. — Die Vierordt'schen Bestimmungen in dessen "Physiologie des Kindesalters", Tübingen, 1877, konnten nicht benutzt werden, weil dabei die Geschlechtsangaben fehlen. Die Mittelzahlen bei Huschke sind von ihm selbst berechnet, und ich muss ihm die Verantwortung für die Richtigkeit derselben um so mehr überlassen, als ich finde, dass einzelne seiner Zahlenangaben nicht ganz correct sind und mir die Bestimmungen der einzelnen Beobachter im Original nicht zugänglich waren.

## Gehirngewicht in Grammen.

|             |               | m ä                               | n n lieh. | - Mules  |               | w                                 | iblich.  |                                         |                 |
|-------------|---------------|-----------------------------------|-----------|----------|---------------|-----------------------------------|----------|-----------------------------------------|-----------------|
| Alter.      | Zahl d.Fälle. | Mittl,<br>Gewicht<br>in<br>Gramm, | Maximum.  | Minimum. | Zahl d.Fälle. | Mittl.<br>Gewicht<br>in<br>Gramm. | Maximum. | Minimum.                                | Beobachter.     |
| Neugeboren  | 7             | 404.9                             | _         |          | 7             | 322                               | -        | _                                       | N. Rüdinger.    |
| (reif.)     | 1             | 380                               | _         | _        | 1             | 365                               | _        | _                                       | Bischoff jun.   |
| 0- 1 Monat  | 3             | 409.3                             | 428       | 397      | 1             | 450                               | _        | -                                       |                 |
| 1-2 "       | -             | _                                 | _         | _        | 1             | 444                               | _        | _                                       | Maria Maria     |
| 2-3 ,       | 3             | 549                               | 590       | 490      | 1             | 492                               | -        | -                                       | The same of the |
| 3-4 "       | 1             | 644                               | -         | -        | 2             | 535.5                             | 537      | 534                                     |                 |
| 4-5 ,       | 2             | 566                               | 626       | 506      | 3             | 579.6                             | 665      | 466                                     |                 |
| 5-6 "       | 2             | 595.5                             | 607       | 584      | 3             | 550                               | 649      | 500                                     |                 |
| 6-7 ,       | 1             | 626                               |           | -        | 1             | 534                               | -        | -                                       | Lorey.          |
| 7-8 "       | 3             | 789.6                             | 815       | 752      | -             | _                                 | - 1      | -                                       |                 |
| 8-9 "       | -             | -                                 | -         | -        | 1             | 652                               | -        | San |                 |
| 9-10 "      | -             | -                                 |           | -        | 2             | 842                               | 924      | 760                                     |                 |
| 10-11 "     | -             | -                                 | _         | -        | 1             | 705                               | -        | -                                       | The fact of the |
| 11—12 "     | -             | _                                 | -         | -        | 2             | 741.5                             | 868      | 615                                     |                 |
| -11/4 Jahr  | 1             | 907                               | -         | -        | 3             | 751.6                             | 876      | 676                                     |                 |
| 11/4-11/2 " | -             | _                                 | -         | SET A    | 1             | 848                               | -        | -                                       | )               |

## Gehirngewicht in Grammen. (Fortsetzung.)

|                                                                   |               | m i                               | innlich     | 1.       |               | w                                 | eiblich  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------|---------------|-----------------------------------|-------------|----------|---------------|-----------------------------------|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alter.                                                            | Zahl d.Fälle. | Mittl,<br>Gewicht<br>in<br>Gramm. | Maximum.    | Minimum. | Zahl d.Fälle. | Mittl.<br>Gewicht<br>in<br>Gramm. | Maximum. | Minimum. | Beobachter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1 <sup>1</sup> / <sub>2</sub> -1 <sup>3</sup> / <sub>4</sub> Jahr | 2             | 1033                              | 1089        | 978      | 2             | 888                               | 962      | 814      | )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13/4-2 ,                                                          | 2             | 1011                              | 1077        | 946      | 1             | 1029                              | _        | _        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2 -21/2 ,,                                                        | 1             | 1013                              | _           | _        | 5             | 857.8                             | 1144     | 641      | Lorey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 21/2-3 "                                                          | 1             | 941                               | _           | -        | 4             | 1022                              | 1096     | 972      | 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3 -4 ,,                                                           | 1             | 1162                              | _           | _        | 2             | 1097                              | 1155     | 1040     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6 Jahr                                                            |               | _                                 | _           | _        | 1             | 1007                              | _        | _        | Rud. Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 14 "                                                              | 1             | 1232                              |             | _        |               |                                   | _        | _        | Blosfeld.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15 "                                                              | 1             | 1423                              | 00000       |          |               | oh in a                           | THE TANK |          | Rud. Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 16 "                                                              | 1             | 1406                              | al Hamildon | MI all   |               | The same                          | No.      |          | Bischoff sen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17 ,,                                                             | _             |                                   | 1011_bill   | 1111     | 1             | 1106                              |          | _        | Rud. Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 18 "                                                              | 1             | 1301                              | 1122        | _        |               | 11/20 11                          | 10000    | -        | Blosfeld.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 19 "                                                              | 1             | 1420                              | -           |          | _             | 100                               |          | -        | Blosfeld.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 22 "                                                              | 1             | 1525                              | _           | _        |               |                                   | _        | 124      | Rud. Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "                                                                 |               | _                                 | _           | _        | 1             | 1280                              | _        | _        | Bischoff jun.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 23 "                                                              | 1             | 1310                              | _           | _        |               | -                                 | -        | _        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 24 "                                                              | 1             | 1352                              | _           | _        |               | _                                 | _        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 06                                                                |               | _                                 |             |          | 1             | 1064                              | 120      | 111      | ET ALL STREET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 28 ,,                                                             |               | _                                 | _           | 11111    | 1             | 1275                              | _        | To de la | The second de                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 29 "                                                              |               | _                                 | _           |          | 1             | 1212                              |          | _        | Rud, Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 30 "                                                              |               | _                                 | _           |          | 1             | 1360                              | _        |          | Rud, Wagner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 91                                                                |               | _                                 | _           | -        | 1             | 1335                              |          | _        | A STATE OF THE PARTY OF THE PAR |
| 20                                                                | 1             | 1330                              | _           |          |               | _                                 |          | 0300     | arrody on the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 99                                                                | 1             | 1340                              | _           |          |               | 192.00                            |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 33 ,,                                                             | 1             | 1370                              | -           | _        | _             |                                   | P 2      | _        | Bischoff jun.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10 - 19 Jahr                                                      | 16            | 1411                              | 1613        | 1210     | 24            | 1219                              | 1410     | 879      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 20-29 "                                                           | 44            | 1419                              | 1733        | 1134     | 41            | 1260                              | 1531     | 992      | Sims, Reid,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 30-39 "                                                           | 61            | 1424                              | 1772        | 1194     | 47            | 1272                              | 1531     | 992      | Peacock,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 40-49 ,,                                                          | 60            | 1406                              | 1673        | 1162     | 42            | 1272                              | 1503     | 1021     | Tiedemann.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 50-59 "                                                           | 65            | 1398                              | 1650        | 1049     | 33            | 1239                              | 1415     | 1049     | Parchappe,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 60-69 ,,                                                          | 53            | 1291                              | 1708        | 1106     | 38            | 1219                              | 1590     | 1021     | Huschke.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 70—79 "                                                           | 32            | 1254                              | 1644        | 1021     | 19            | 1129                              | . 1333   | 907      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25—50 Jahr                                                        | 36            | 1346                              | 1659        | 1074     | 8             | 1195                              | 1334     | 1015     | Blosfeld.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15—45 Jahr                                                        | ?             | 1365                              | -           | -        | ?             | 1182                              | -        | -        | Colombo u. Pizzi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Aus dieser Tabelle ergiebt sich, dass das Gewicht des Gehirns der Neugeborenen sich bereits gegen Ende des ersten Lebensjahres verdoppelt hat; dass es bis zum Schluss des sechsten Lebensjahres einen fast gleichen Zuwachs von circa 300 resp. 250 Gr. erhält, und jetzt bereits etwa 1150 Gr. bei den Knaben und 1050 Gr. bei den Mädchen wiegt. Während der Pubertätszeit wird dann nahezu schon das volle Gewicht erreicht. Wir begegnen Zahlen von 1232—1423 bei den Jünglingen, und 1106—1280 bei den Jungfrauen, während sich das mittlere höchste Gewicht in den dreissiger Jahren mit resp. 1424 und 1272 verzeichnet findet. Das ist ein fast vollständiger Parallelismus zwischen Wachsthum des Gehirns und unserer Carotiscurve, und es ist gewiss schwer die Vermuthung abzuweisen, dass zwischen beiden ein innerer Zusammenhang besteht, ganz abgesehen davon, dass damit auch die "Prädisposition" des Kindesalters für Erkrankungen des Gehirns eine leicht verständliche Erklärung findet. Will man teleologisch deuten, so dürfte man sagen, dass die Carotides communes deshalb in ihrer Umfangszunahme nach vollendeter Pubertätszeit nahezu stillstehen mussten, weil dem in seiner vollendeten knöchernen Kapsel eingeschlossenen Gehirn von der genannten Zeit an auch die Wachsthumsbedingungen abgeschnitten werden mussten.

Die Ursache dieses auffallenden Zurückbleibens der Umfangszunahme der Carotiden nach vollendeter Pubertätszeit ist bei der Mannigfaltigkeit der Factoren, welche bei der Umfangszunahme der Arterien in Betracht kommen, schwer zu ermitteln. Es ist, wie ich später noch nachweisen werde, nicht unwahrscheinlich, dass der Blutdruck selbst unter jenen Factoren eine Rolle spielt. Man kann sich denken, dass der von der Blutsäule auf die Arterienwand ausgeübte Druck mit zunehmendem Alter eine Dehnung derselben herbeiführt, dass mit anderen Worten die elastischen Eigenschaften der Arterienwand durch den Blutdruck übercompensirt werden, und dass sich daraus die Umfangszunahme der Arterien in höherem Alter erklärt. Ist diese Anschauung richtig, so darf man auch an die Möglichkeit denken, dass durch eine Verschiebung des Winkels, mit welchem die Carotiden resp. von der Anonyma und vom Arcus aortae abtreten, nach vollendeter Pubertätszeit eine relative Abnahme des Blutdruckes in ihnen bewirkt, und dadurch ihre weitere Umfangszunahme beeinträchtigt wird. Eine solche Verschiebung des Abgangswinkels der Carotiden würde in der Entwickelung des Larynx und der Trachea, so wie in der Verlängerung, Erweiterung und der flacheren Bogenform des Arcus aortae vielleicht eine Erklärung finden. Der bei dem Kinde stumpfe Abgangswinkel würde sich in dieser Weise mehr einem rechten Winkel nähern, und damit stände eine Abnahme des Seitendrucks der Blutsäule in erklärlichem Zusammenhang. Andererseits erscheint es von Bedeutung, dass die zum Gehirn aufsteigenden Hauptarterien, bevor sie dasselbe erreichen, durch knöcherne Kanäle hindurchgehen, und es wäre denkbar, dass auch hierdurch die Druckhöhe der Blutsäule schon im Stamm der Carotis communis herabgesetzt würde, insofern der Ausdehnung der Carotis interna und der Arteria vertebralis durch die knöcherne Umgebung eines Theiles derselben eine engere Grenze gesetzt wäre. Denn ebenso wie im foetalen Leben nach unserer obigen Darstellung durch stärkeren Blutzufluss zu den artt. hypogastricae auch die Iliacae communes eine stärkere Umfangszunahme zu erfahren scheinen, so könnte umgekehrt eine Beschränkung der Ausdehnung einer Arterie durch ihren Verlauf in einen knöchernen Canal,

durch Herabsetzung der Blutmenge in dem ganzen Stromgebiete auch die Dehnung des centralwärts gelegenen Abschnittes der betreffenden Blutbahn herabsetzen und selbst aufheben. Gewiss darf daneben bei Behandlung dieser Frage nicht übersehen werden, dass sowohl die Carotis interna, als die Art. vertebralis in ihrem Verlauf derartige Biegungen und Schlängelungen erfahren (man denke an die Richtung des Canalis caroticus und die Schlängelung der vertebralis am Atlas), dass der Strömung des Blutes in diesen Gefässen mehr Hindernisse entgegenstehen, als in der Mehrzahl anderer Körperarterien. Aber wir bewegen uns hier auf einem sehr hypothetischen Gebiete, und wenn ich es nicht unterlassen konnte, Möglichkeiten der Erklärung für das auffallende Zurückbleiben der Umfangszunahme der Carotiden anzudeuten, so halte ich vorläufig doch nichts für gesichert, als die Thatsache dieses Zurückbleibens der Umfangszunahme selbst, eine Thatsache, welche für das Gehirnleben und das oft wunderbare Verhalten desselben gegenüber anderen Organen im höheren Alter gewiss von hoher Bedeutung sein dürfte. Würden Gehirnerkrankungen nicht wohl tausendfach häufiger im gereiften und höheren Alter vorkommen, wenn die Carotiden eine gleiche Umfangszunahme in diesen Lebensperioden erführen, als andere Körperarterien? Und ist es abzuweisen, die Häufigkeit der Gehirnerkrankungen im frühen Kindesalter mit der relativen beträchtlichen Weite der Carotidenbahn in diesem Alter in causalen Zusammenhang zu setzen?

Dass die linksseitigen Subclaviae während des ganzen Lebens etwas geringeren Umfang aufweisen, als die rechtsseitigen, ergiebt die Curvenzeichnung der Tafel VI, und will ich nur beiläufig erwähnen. Dieses Verhältniss erklärt sich vielleicht aus dem vorwiegenden Gebrauch der rechten obern Extremität. Die beiderseitigen Carotiden lassen im Mittel und während des ganzen Verlaufes des Lebens nur sehr minimale Differenzen des Umfangs erkennen.

Ich schliesse diese Betrachtung mit der Hervorhebung des Gesammtresultates, dass ein jedes der besprochenen drei Arterienpaare seine besondere Wachsthumsgeschichte hat, und dass es durchaus fehlerhaft sein würde, zu glauben, sie alle laufen in ihrer Umfangszunahme parallel. Ob wir einstmals die Bedingungen für das relativ verschiedene Wachsthum der einzelnen Organe des Körpers und deren Functionsgrösse in den verschiedenen Wachsthumsverhältnissen der ihnen zugehörigen Arterien finden werden, bleibt der Zukunft zu entscheiden vorbehalten. Nur soviel ist gewiss, dass hier Differenzen existiren, von denen wir bisher kaum eine Ahnung gehabt haben.

Berechnen wir nun auch hier wieder die Umfänge der Arterien in sämmtlichen Lebensaltern auf gleiche Körperlängen, so tritt zunächst die Umfangsabnahme der Iliacae communes in den ersten drei Lebensmonaten noch schärfer hervor, als in den absoluten Umfangszahlen. Man vergleiche die Curventafeln III und IV. Ich beziehe mich in dieser Beziehung auf das bereits oben Gesagte. Als Hauptresultat ergiebt sich alsdann aber auch hier wieder, dass die relativ grösste Enge der Gefässe in die Pubertätszeit, die relativ grösste Weite auf das früheste Kindesalter fällt, und eine relative ähnliche Weite, wie in diesem, wieder im höheren Alter erreicht wird. Zeichnet man die Curven ohne Verkürzung, so ergiebt sich dabei, ebenso wie bei der Aorta ascendens und Art. pulmonalis, dass der Abfall der relativen Umfänge vom Kindesalter bis

zur Pubertätszeit viel rascher (in 16-18 Jahren) erfolgt, als die Zunahme in den späteren Lebensabschnitten (21.—80. Lebensjahr). Diese Erfahrung, zusammengehalten mit der in meiner ersten Abhandlung nachgewiesenen Pupertätsentwickelung des Herzens, führt zu dem Schluss, dass auch in den mittelgrossen Arterien des Körpers der Blutdruck im kindlichen Alter weit geringer sein muss, als zur Pubertätszeit; dass er in dieser den höchsten Stand erreicht, und dass er von diesem Stande zunächst sehr langsam absinkt, um im hohen Alter schliesslich wieder eine ähnliche Höhe zu erreichen, wie im Kindesalter. Nur die Carotiden dürften in letzterer Beziehung eine Ausnahme machen. Ihr Umfang bleibt auch relativ zur Körperlänge von der Pubertätszeit an bis in das hohe Alter nahezu derselbe. Es ist darnach wahrscheinlich, dass in ihnen auch der Blutdruck während dieser ganzen Periode nur um so viel steigt oder fällt, als die Leistungsfähigkeit des linken Herzventrikels zu- und abnimmt. Bis etwa zum 50. Lebensjahr nimmt aber diese Leistungsfähigkeit, wie es scheint, eher zu, als ab (vergl. Abhandlung I. S. 33), und erst von dieser Zeit an dürfte in der That auch der Blutdruck in der Carotis communis abzunehmen beginnen.

Auf den beigegebenen Curventafeln III und IV finden sich nur die auf je 100 Ctm. Körperlänge reducirten Arterienmaasse für das männliche Geschlecht verzeichnet. Die Curven der in gleicher Weise reducirten Arterienmaasse des weiblichen Geschlechtes fallen nahezu mit denen des männlichen Geschlechtes zusammen, und die Zeichnung wurde aus diesem Grunde, und um das Bild nicht unklar werden zu lassen, unterlassen. Es erhellt aber, dass wenn das weibliche Geschlecht in dem Lebensabschnitt nach vollendeter Pubertät ein entschieden kleineres Herz, dagegen relativ zur Körperlänge gleich weite Arterien besitzt, wie das männliche, der Blutdruck beim weiblichen Geschlecht auch in den mittelgrossen Arterien ein geringerer sein muss, als bei dem männlichen (vergleiche darüber Abhandlg. I. S. 38).

Wenn ich es nun aber auch als zweifellos betrachten muss, dass der Blutdruck im kindlichen Alter ein relativ sehr niedriger ist und während der Pubertätszeit seinen höchsten Stand erreicht, im höheren Alter dagegen wieder sinkt, so möchte ich doch nicht unterlassen, darauf aufmerksam zu machen, dass durch die relativ verschiedene Ausweitung verschiedener Arterienabschnitte, sowie durch das Versiegen einer nicht unbeträchtlichen Anzahl von Capillaren in dem höheren Alter, Verhältnisse in diesem für Blutdruck und Blutmenge geschaffen werden, welche schwer zu beurtheilen sind und welche wir noch nicht vollständig übersehen. Geht man von der Annahme aus, dass der Cubikinhalt eines 1 Centimeter langen Abschnittes der Aorta ascendens gleich sein müsse dem Cubikinhalt von gleich langen Abschnitten der ersten Verzweigungen derselben, so müsste der Cubikinhalt eines solchen Abschnittes der Aorta ascendens gleich sein dem Cubikinhalt eines gleichen Abschnittes der Aorta thoracica, der beiden Subclaviae und der beiden Carotides communes. Die ersten kleinen Arteriae intercostales können dabei vernachlässigt werden, wenn man die Aorta thoracica an der Grenzlinie ihres ersten und zweiten Drittheils misst, und auch die Vernachlässigung der Coronariae cordis wird noch zu keinem erheblichen Fehler führen-Ginge es so weiter, so müsste schliesslich dem Cubikinhalt eines 1 Centimeter langen Abschnittes sämmtlicher kleinsten Arterien des Körpers der Cubikinhalt eines solchen Abschnittes

der Aorta ascendens entsprechen. Man könnte sich dann die gesammte arterielle Blutmenge vorstellen als in einem Rohre von der Weite der Aorta ascendens und von der Länge des Körpers enthalten und darnach leicht berechnen.

Um dieser Frage näher zu treten, habe ich den Cubikinhalt eines 1 Ctm. langen Abschnittes der Aorta ascendens in drei verschiedenen Lebensaltern, und ebenso den Cubikinhalt gleich langer Abschnitte der Aorta thoracica, der beiden Subclaviae und der beiden Carotides communes für die gleichen Lebensalter berechnet, und zwar nach der Formel:

 $r=rac{P}{2 \pi}$  und Inhalt  $=r^2 \pi h$ . — Die dabei erhaltenen Resultate sind folgende:

| Alter<br>und<br>Körperlänge. | Geschlecht.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Umfang der Arterien                                    | Cubikinhalt eines 1 Ctm. langen Abschnitts der Arterien.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |  |
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| 1-2 Jahr.                    | männlich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Aorta ascend = 33.9 Mm.                                | = 914.5 Cub Mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
| 72,7 Ctm.                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Aorta thorac = 22.6 "                                  | = 406.45 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
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|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carot. comm. sin. = 12.3 "                             | = 120.40 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subclav. dextr = 14.0 ,,                               | = 155.98 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carot.comm.dextr. = 12,4 ,,                            | = 120.40 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
|                              | M madeline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Inhaltssumme der 5 Aeste                               | = 931.58 Cub Mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |
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|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | der Aorta ascendens, — d.                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | in die Grenze der Messi                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Arterienzweige fällt.                                  | A CONTRACTOR OF THE CONTRACTOR |  |  |  |  |  |  |  |
| 16 Jahr.                     | männlich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Aorta ascend = 51.9 Mm.                                | = 2143.4 CubMm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
| 156 Ctm.                     | ( CONTRACTOR OF THE CONTRACTOR | Aorta thorac = 36.3 ,,                                 | = 1048.6 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subclav. sin = 17.8 ,,                                 | = 252.1 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carot. comm. sin. = 17.1 ,                             | = 232.7 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |
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|                              | - A -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Inhaltssumme der 5 Aeste                               | = 2094.0 Cub Mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | also 49,4 CubMm. weniger, als der Inhalt des Cylinders |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | der Aorta ascendens.                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
| 40-50 Jahr.                  | männlich.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Aorta ascend = 72.1 Mm.                                | = 4137.0 CubMm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
| 169 Ctm.                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Aorta thorac = 51.2 "                                  | = 2086.0 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subclav. sin = 23.7 ,,                                 | = 447.0 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carot. comm. sin. = 18.3 "                             | = 266.5 "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subclav. dextr = 25.4 ,                                | = 513.4 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Carot. comm. dextr. = 18.7 "                           | = 278.3 ,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |
|                              | A Colonia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Inhaltssumme der 5 Aeste                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | also 545.8 CubMm. wenig                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |
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1 Ctm. hohen Cylinders der Aorta ascendens.

Das Resultat der Berechnung bei den 1—2jährigen Knaben, dass der Inhalt eines 1 Ctm. hohen Cylinders der Aorta ascendens nahezu derselbe ist, wie die Summe des Inhaltes der fünf 1 Ctm. hohen Cylinder der fünf ersten Hauptäste der Aorta ascendens darf bei der Genauigkeit meiner Messungen für diese Lebensperiode als sehr zuverlässig betrachtet werden. Darf ich annehmen, dass die Messungen der Gefässe in den beiden andern aufgeführten Lebensabschnitten, welche ich nicht sämmtlich eigenhändig ausgeführt habe, sondern zum Theil von meinen Assistenten ausgeführt sind, eben so genau ausgefallen sind, so würde sich aus den Berechnungen ergeben, dass mit zunehmendem Alter die Aorta ascendens eine relativ stärkere Umfangszunahme erfährt, als die von ihr abgehenden Aeste, und das Resultat davon würde sein, dass der Blutdruck mit zunehmendem Alter in den mittelgrossen Arterien relativ mehr zunehme, als in der Aorta ascendens. Dies ergiebt sich in der That auch aus einer Berechnung der Umfangsverhältnisse der Aorta ascendens und der mittelgrossen Arterien, wenigstens für einen Theil dieser letzteren. Ich werde darauf in der dritten Abhandlung, in welcher die Umfänge der Aort. thorac. und abdominal. dargelegt werden sollen, zurückkommen.

Eine weitere Erwägung und Berechnung kann ich dabei nicht unerwähnt lassen. Bei der Annahme, dass der Cubikinhalt eines je 1 Ctm. hohen Abschnittes sämmtlicher kleinster Arterien gleich sein müsse dem Cubikinhalt eines eben so hohen Abschnittes der Aorta ascendens würde unter der Voraussetzung, dass alle Arterien gestreckt verliefen, die gesammte arterielle Blutmenge eines Körpers gleich sein dem Cubikinhalt eines 1 Ctm. hohen Cylinders der Aorta ascendens multiplicirt mit der Körperlänge des betreffenden Individuums. Führt man diese Berechnung für die obigen 3 Altersperioden aus, und fügt, um das Gewicht der fraglichen Blutmenge zu erhalten, dem Cubikinhalt des supponirten Gefässrohres diejenige Gewichtsmenge hinzu, welche durch das höhere specifische Gewicht des Blutes (1,055) bedingt wird, so ergeben sich folgende Blutmengen:

| 1) für die 1—2jährigen Knaben: 72.7 × 914.5 Cubikmm.            |           |
|-----------------------------------------------------------------|-----------|
| = 66.484 Cubiketm. = 66.                                        | 4 Gramm.  |
| Gewichtserhöhung durch das specifische Gewicht des Blutes = 3.  | 6 "       |
| Gewicht der Blutsäule                                           | 0 Gramm.  |
| 2) für den 16jährigen jungen Mann: 156 × 2143.4 Cubikmm.        |           |
| = 334.37 Cubiketm. = 334.                                       | 3 Gramm.  |
| Gewichtserhöhung durch das specifische Gewicht des Blutes = 18. | 4 "       |
| Gewicht der Blutsäule                                           | 7 Gramm.  |
| 3) für den 40—50jährigen Mann: 169 × 4137.0 Cubikmm.            |           |
| = 699.15 Cubikctm. = 699.                                       | 15 Gramm. |
| Gewichtserhöhung durch das specifische Gewicht des Blutes = 38. | 45 ,,     |
| Gewicht der Blutsäule                                           | 60 ,,     |

6

Nimmt man nun weiter an, dass die venöse Blutsäule gleich sei der arteriellen, so würde man nach dieser Berechnung als Gesammtgewicht des Blutes erhalten:

für den 1-2jährigen Knaben . . . . . 140.0 Gramm.

" 16jährigen jungen Mann . . . . 705.4

, " 40—50jährigen Mann . . . : . 1475.2 ,

Es ist offenbar, dass diese Blutmengen sehr viel zu gering sind. — Quetelet giebt das mittlere Gewicht eines 2jährigen Kindes auf 11,3 Kilogramm an, und man berechnet die Blutmenge eines solchen Kindes (nach Welcker und J. Ranke) auf annähernd ½13,5 des Körpergewichtes. Darnach müsste das 2jährige Kind mindestens 837 Gramm Blut enthalten. Das mittlere Körpergewicht eines 16jährigen jungen Mannes beträgt nach Quetelet 49,7 Kilogramm; nehmen wir rund 50 Kilogramm an. Die Blutmenge beträgt für dieses Alter höchstens ⅙16 des Körpergewichtes (nach Gscheidtlen höchstens ⅙16,8, nach Heidenhain ⅙18) oder 6,2 pct. Dieselbe würde sich also auf 3100 Gramm = 6 Pfund 100 Gramm belaufen. Der 40—50jährige Mann hat ein Körpergewicht von durchschnittlich 68 Kilogramm. Seine Blutmenge wird von Bischoff sen., Welcker und Vierordt auf ⅙13 des Körpergewichtes berechnet (von Gscheidtlen nur zu ⅙16,8); das giebt 7,7 pct. und würde für 68 Kilogramm 5,2 Kilogramm oder 10 Pfund 200 Gramm Blut ergeben. — Die Gesammtblutmenge ist demnach bei dem 2jährigen Knaben nahezu 6 mal, bei dem 16jährigen jungen Mann 4,4 mal, und bei dem 40 – 50jährigen Mann 3,5 mal grösser, als die von uns berechneten beiden Blutsäulen.

Es unterliegt wohl keinem Zweifel, dass diese beträchtliche Verlängerung der Blutsäulen theils durch die zahllosen Windungen und Schlängelungen der kleineren Arterien, theils durch den von Volkmann mit aller Bestimmtheit behaupteten Umstand bedingt wird, dass die Aeste der kleinsten Arterien und Capillaren stets beträchtlich weiter sind, als die Stämme derselben, und dass also, da diese kleinsten Gefässe, so wie deren Windungen und Schlängelungen sich vorzugsweise erst in den peripheren Körpertheilen, den drüsigen Apparaten und dem Gehirn finden, die periphere Blutmenge weit grösser sein muss, als die in den centralwärts gelegenen Abschnitten des Gefässsystems. Andrerseits ergiebt sich, dass diese periphere Blutmenge bei dem 2jährigen Kinde grösser ist, als bei dem 16jährigen jungen Manne, bei dem 40-50jährigen Manne dagegen relativ schon beträchtlich geringer ausfällt. Trotz der im Ganzen grösseren Blutmenge befindet sich in diesem Alter relativ mehr Blut in den centralwärts gelegenen Gefässabschnitten und weniger in den peripheren und drüsigen Organen, als bei den beiden jugendlichen Individuen, und es steht dieser Schluss in vollem Einklang mit unserer pathologisch-anatomischen Erfahrung über die Obsolescenz einer grossen Anzahl von Capillaren und kleineren Arterien und Venen in diesem Alter. Wir dürfen daraus folgern, dass die Blutvertheilung im Körper in verschiedenen Perioden des Lebens eine verschiedene ist, und dass die stärkste Entwicklung des peripheren Gefässnetzes auf das Kindesalter fällt. Da nun aber der Blutdruck im ganzen arteriellen System entsprechend der grösseren oder geringeren Weite des peripheren Gefässsystems, und entsprechend den damit gebotenen Widerständen, abnehmen und steigen muss, so ergiebt sich weiter, dass auch nach dieser Berechnung der Blutdruck in den Arterien zur Pubertätszeit am höchsten stehen muss, dass er im kindlichen Alter — die grössere relative Weite der grossen Arterienäste in Anschlag gebracht — niedriger stehen muss, als zur Pubertätszeit, und dass er endlich im höheren Alter — die relative Weite der grossen Arterienäste auch hier in Anschlag gebracht — peripher noch geringer sein muss, als im kindlichen Alter, während er centralwärts in Folge der im Ganzen grösseren Blutmenge eher steigt, als sinkt. Die Ausweitung der grösseren Arterien im höheren Alter selbst darf man vielleicht zum Theil als eine Folge des Versiegens zahlreicher kleinerer Gefässbahnen betrachten.

Ich verkenne keinen Augenblick, wie viel Hypothetisches in dieser Darstellung noch liegt. Aber sie eröffnet vielleicht den einen oder anderen Gesichtspunkt, oder veranlasst eine nähere Prüfung der sich daran knüpfenden Fragen, und ich wollte sie deshalb nicht zurückhalten. — Die in fast allen Lehrbüchern der Physiologie verbreitete Angabe, dass die Summe der Querschnitte der Aeste eines Arterienstammes fast ausnahmslos grösser sei, als der Querschnitt des Stammes (Volkmann, Vierordt, Hermann u. A.), finde ich für die mittelgrossen Arterien nicht bestätigt. Meine Messungen ergeben geradezu das Gegentheil. Ich werde in der 3. Abhandlung auf diesen Punkt zurückkommen, und dort insonderheit nachweisen, dass ich in den verschiedensten Lebensaltern den Querschnitt der Aorta abdominalis (2 Ctm. hoch oberhalb der Bifurcation gemessen) stets grösser fand als die Summe der Querschnitte der beiden Iliacae communes, ebenso wie sich oben der Querschnitt (oder Cubikinhalt eines 1 Ctm. langen Abschnitts) der Aorta ascendens des Jünglings und des älteren Mannes grösser erwies, als die Summe der Querschnitte der 5 Hauptzweige der Aorta. —

In meiner ersten Abhandlung wurden für die Arteria pulmonalis und die Aorta ascendens die Differenzen berechnet, welche zwischen den aufgefundenen Maximal- und Minimalumfängen der genannten Gefässe existiren. Es erhellte daraus die beträchtliche Verschiedenheit des Umfangs, welche bei gleichaltrigen und auch gleich grossen Individuen an diesen Gefässen vorkommt. Es lohnt sich der Mühe, zu untersuchen, ob ähnliche Differenzen auch an den mittelgrossen Arterien vorkommen, und ich habe zu diesem Zwecke die gefundenen Maximalund Minimalumfänge auch dieser nebst Berechnung der Differenz derselben zusammengestellt. In den beiden nachfolgenden Tabellen finden sich einmal die absoluten Maxima und Minima und andererseits die auf je 100 Ctm. Körperlänge berechneten und dabei gefundenen Maxima und Minima der fraglichen Gefässumfänge verzeichnet. - Da, wie oben bemerkt wurde, die Differenz der Umfänge zwischen den gleichnamigen rechts- und linksseitigen Arterien nur eine sehr unbedeutende ist, so wird es genügen, die Maximal- und Minimalumfänge für die drei rechtsseitigen Arterien (Iliaca communis, Subclavia und Carotis communis) aufzuführen. Es wird damit ohne Beeinträchtigung des Resultates die Herstellung einer zu weitschichtigen Tabelle vermieden. - Auch bei dieser Zusammenstellung habe ich einzelne ganz ausnahmsweise vorkommende hohe Zahlen, sei es, dass sie durch ganz ausnahmsweise hohe absolute Umfänge oder durch ausnahmsweise geringe Körperlängen bedingt wurden, ausgeschlossen. —

Die aufgefundenen absoluten Maxima und Minima der Umfänge der Iliaca comm., Subclavia und Carotis comm. und deren Differenz in den verschiedenen Lebensaltern.

| The Talk to the last                        | cht.        | Iliaca     | comm.    | dextr.     | Sul        | elavia d   | extr.      | Carotis, comm. textr. |              |            |  |
|---------------------------------------------|-------------|------------|----------|------------|------------|------------|------------|-----------------------|--------------|------------|--|
| Lebensalter.                                | Geschlecht. | Maxim.     | Minimum. | Differenz. | Maxim.     | Minimum.   | Differenz. | Maxim.                | Minimum.     | Differenz. |  |
| Todtgeboren (reif.)                         | m.<br>w.    | } 10       | 8,5      | 1,5        | 10         | 9          | 1          | 9                     | 7            | 2          |  |
| Erste 11 Lebenstage.                        | m.<br>w.    | } 8        | 5        | 3          | 10         | 7          | 3          | 10                    | 6            | 4          |  |
| 11. Tag bis Ende des 3. Monat               | m.<br>w.    | 10 9       | 5.5<br>6 | 4.5!       | 12.5<br>13 | 7<br>8.5   | 5.5<br>4.5 | 10<br>10              | 6 7          | 4 3        |  |
| 3. Monat bis Ende des 1. Lebens-<br>jahres. | m.<br>w.    | 9<br>9,5   | 7<br>6   | 2<br>3.5   | 14<br>13,5 | 10<br>9    | 4 4.5      | 12<br>12.5            | 9,5<br>8     | 2.5<br>4.5 |  |
| 2. Lebensjahr.                              | m.<br>w.    | 11<br>11   | 8 8      | 3 3        | 16<br>16   | 12<br>11   | 4 5        | 15<br>13              | 10,5<br>11   | 4.5        |  |
| 3. Lebensjahr.                              | m.<br>w.    | 11<br>10   | 8<br>7.5 | 3<br>2.5   | 17<br>15,5 | 12.5<br>12 | 4.5<br>3.5 | 14<br>14              | 11.5<br>11.5 | 2.5<br>2.5 |  |
| 4. Lebensjahr.                              | m.<br>w.    | } 12.5     | 9        | 3,5        | 19         | 13,5       | 5.5        | 17.5                  | 13           | 4,5        |  |
| 5. Lebensjahr.                              | m.<br>w.    | } 12       | 11       | 1          | 16         | 13         | 3          | 15                    | 14           | 1          |  |
| 6. Lebensjahr.                              | m,<br>w.    | } 12.5     | 10       | 2,5        | 17.5       | 14         | 3.5        | 15                    | 12.5         | 3,5        |  |
| 7. Lebensjahr.                              | m.<br>w.    | } 15       | 10       | 5          | 19,5       | 13         | 6,5        | 15,5                  | 12.5         | 3          |  |
| 8. Lebensjahr.                              | m.<br>w.    | } 15       | 11       | 4          | 18         | 16         | 2          | 15                    | 16           | 1          |  |
| 15. Lehensjahr.                             | m.<br>w.    | 18.5<br>17 | 15<br>13 | 3,5        | 23<br>19   | 17<br>18   | 6          | 17<br>17              | 15<br>13     | 2 4        |  |
| 16. Lebensjahr.                             | m.<br>w.    | 18         | 13       | 5          | 24         | 18         | 6          | 19                    | 16           | 3          |  |
| 17. Lebensjahr.                             | m,<br>w.    | 21<br>20   | 13<br>14 | 8 6        | <u>-</u>   | -<br>18    | - 3        | 18                    | 15           | 3          |  |
| 18. Lebensjahr.                             | m.<br>w.    | 21<br>18   | 15<br>16 | 6 2        | 26<br>21   | 18<br>15   | 8          | 20<br>18              | 15.5<br>16.5 | 4.5<br>1.5 |  |
| 19. Lebensjahr.                             | m.<br>w.    | 22         | 17       | 5          | =          | _          | =          | =                     | =            | =          |  |
| 20. und 21. Lebensjahr.                     | m.<br>w.    | 23<br>27   | 17<br>13 | 6 14!      | 22<br>23,5 | 19<br>17   | 3<br>6.5   | 21<br>18              | 16<br>15     | 5 3        |  |
| 22. bis 25. Lebensjahr.                     | m.<br>w.    | 24<br>22   | 16<br>16 | 8          | 30<br>25   | 18<br>16   | 12<br>9    | 22<br>20              | 15<br>13     | 7 7        |  |
| 26, bis 30. Lebensjahr.                     | m.<br>w.    | 26<br>22,5 | 18<br>12 | 8<br>10.5  | 31<br>28   | 17<br>20   | 14 8       | 22.5<br>20.5          | 15<br>15     | 7.5<br>5.5 |  |
| 30. bis 40. Lebensjahr.                     | m.<br>w.    | 27<br>24   | 17<br>13 | 10<br>11   | 32<br>28   | 19<br>16   | 13<br>12   | 30<br>24              | 17<br>15     | 13<br>9    |  |
| 40, bis 50, Lebensjahr.                     | m.<br>w.    | 34<br>27   | 18<br>18 | 16!        | 30<br>29   | 19<br>19   | 11<br>10   | 23<br>21              | 14<br>15     | 9          |  |
| 50. bis 60. Lebensjahr.                     | m,<br>w.    | 40<br>27   | 20<br>18 | 20!        | 33<br>31   | 20<br>18   | 13<br>13   | 24<br>24              | 14<br>14     | 10<br>10   |  |
| 60. bis 70. Lebensjahr.                     | m.<br>w.    | 35<br>27   | 21<br>17 | 14<br>10   | 40 30      | 20<br>18   | 20!        | 22<br>20              | 14<br>14     | 8          |  |
| 70. bis 80. Lebensjahr.                     | m.<br>w.    | 42         | 20       | 22!        | 40         | 22         | 18!        | 25                    | 16           | 9          |  |

Die Maxima u. Minima der auf je 100 Ctm. Körperlänge berechneten Umfänge der Iliaca comm., Subcl. u. Carot. comm. u. deren Differenz in den verschiedenen Lebensaltern.

|                                             | ht.         | Iliaca       | comm.        | dextr.       | Su           | belav. de    | extr.         | Carotis comm. dextr. |              |            |
|---------------------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------------|--------------|------------|
| Lebensalter.                                | Geschlecht, | Maxim.       | Minimum.     | Differenz.   | Maxim.       | Minimum.     | Differenz.    | Maxim.               | Minimum.     | Differenz. |
| Todtgeboren (reif.)                         | m.<br>w.    | } 18,4       | 16,3         | 2,1          | 19.4         | 17.3         | 2,1           | 17,5                 | 13,5         | 4.0        |
| Erste 11 Lebenstage.                        | m.<br>w.    | } 16,6       | 10,6         | 6.0          | 19.6         | 14,9         | 4.7           | 19.6                 | 12,8         | 6.8        |
| 11. Tag bis Ende des 3. Monats.             | m.<br>w,    | 17.7<br>16.6 | 11.4<br>10.3 | 6.3<br>6.3   | 21.7<br>22.0 | 13.8<br>15.7 | 7.9<br>6.3    | 18.8<br>17.2         | .8<br>14.3   | 6.0<br>2.9 |
| 3, Monat bis Ende des 1, Lebens-<br>jahres, | m.<br>w.    | 14.5<br>13.6 | 12.1<br>9.9  | 2.4<br>3.7   | 21.5<br>19.3 | 17.4<br>15.5 | 4.1<br>3.8    | 18.8<br>20.0         | 14.9<br>14.3 | 3.9<br>5.7 |
| 2. Lebensjahr.                              | m.<br>w.    | 14.9<br>14.2 | 11.3<br>11.1 | 3.6<br>3.1   | 21.6<br>20.2 | 17.6<br>16.0 | 4.0<br>4.2    | 20.3<br>17.4         | 12.5<br>13.6 | 7.8<br>3.8 |
| 3. Lebensjahr.                              | m.<br>w.    | 12.9<br>11.9 | 10,3<br>9,5  | 2.6<br>2.4   | 21.1<br>19.1 | 15.5<br>14.3 | 5.6<br>4.8    | 17.1<br>16.9         | 13.3<br>13.8 | 3.8<br>3.1 |
| 4. Lebensjahr.                              | m.<br>w.    | } 13.6       | 10,3         | 3,3          | 20.7         | 13.2         | 7.5           | 19.1                 | 13.2         | 5.9        |
| 5. Lebensjahr.                              | m.<br>w.    | 12,2         | 11.3         | 0.9          | 16.2         | 12,7         | 3,5           | 15.5                 | 14           | 1,5        |
| 6. Lebensjahr.                              | m.<br>w.    | } 11.5       | 9.1          | 2.4          | 17.4         | 12.6         | 4.8           | 15.2                 | 11.3         | 3.9        |
| 7. Lebensjahr.                              | m.<br>w.    | } 12.3       | 9.9          | 2.4          | 17.6         | 13,0         | 4.6           | 14.0                 | 11.3         | 2.7        |
| 8. Lebensjahr.                              | m.<br>w.    | } 13.1       | 8.9          | 4,2          | 15.8         | 12.9         | 2.9           | 13.4                 | 12,1         | 1.3        |
| 15. Lebensjahr.                             | m,<br>w.    | 12.2<br>11.7 | 10.3<br>8.8  | 1.9<br>2.9   | 16.5<br>13.1 | 12.1<br>12.0 | 4,4<br>1,1    | 12.0<br>11.7         | 10.7<br>8,8  | 1.3<br>2.9 |
| 16. Lebensjahr.                             | m.<br>w.    | 12.0         | 9,3          | 2.7          | 15.1         | 11.6         | 3,5           | 12.7                 | 9.5          | 3.2        |
| 17. Lebensjahr.                             | m,<br>w.    | 13.1<br>13.4 | 9.1<br>9.4   | 4.0          | 14.3<br>14.7 | 11.4<br>12.1 | 2.9<br>2.6    | 12.1                 | 10.1         | 2.1        |
| 18. Lebensjahr.                             | m.<br>w.    | 13.7<br>11.5 | 8.9<br>10.2  | 4.8<br>1.3   | 16.0<br>13.4 | 11.1<br>9.9  | 4.9<br>3.5    | 12.3<br>11.8         | 9,3<br>10,6  | 3.0<br>1.2 |
| 19. Lebensjahr.                             | m,<br>w.    | 12.4         | 10.3         | 2.1          | =            | =            | =             | =                    | =            | =          |
| 20. und 21. Lebensjahr.                     | m.<br>w.    | 13.5<br>17.8 | 9.7<br>8.6   | 3.8<br>9.2 ! | 13.3<br>15.0 | 10.9<br>10.6 | 2.4<br>4.4    | 12.6<br>12.3         | 9.1<br>9.4   | 3.5<br>2.9 |
| 22. bis 25. Lebensjahr.                     | m.<br>w.    | 14.0         | 9.4<br>9.9   | 4.6<br>4.0   | 18.0<br>16.0 | 10.1<br>9.9  | 7.9<br>6.1    | 13.4<br>12.4         | 8.4<br>8.1   | 5.0<br>4.3 |
| 26. bis 30. Lebensjahr,                     | m,<br>w.    | 15.5<br>13.8 | 10.3<br>8.3  | 5.2<br>5.5   | 18.2<br>18.0 | 10.4<br>12.7 | 7.8<br>5.3    | 12.9<br>12.7         | 8.5<br>10.4  | 4.4<br>2.3 |
| 30. bis 40. Lebensjahr.                     | m.<br>w.    | 15.6<br>15.0 | 9.9<br>8.3   | 5.7<br>6.7   | 18.2<br>18,6 | 11.0<br>9.8  | 7.2<br>8.8!   | 13.2<br>15.5         | 9.5<br>9.6   | 3.7<br>5.9 |
| 40. bis 50. Lebensjahr.                     | m.<br>w.    | 20.7<br>16.1 | 10.3<br>11.6 | 10.4!        | 17.2<br>18.0 | 11.0<br>12.2 | 6.2<br>5.8    | 13.1<br>13.0         | 7.9<br>9.6   | 5.2<br>3.4 |
| 50, bis 60. Lebensjahr.                     | m.<br>w.    | 22.4<br>16.9 | 11.5<br>11.2 | 10.9 ! 5.7   | 19.3<br>19.2 | 11.8<br>10.8 | 7.5<br>8.4 !  | 13.5<br>15.3         | 8,3<br>8,4   | 5,2<br>6,9 |
| 60. bis 70. Lebensjahr.                     | m.<br>w.    | 21.3<br>16.7 | 13.3<br>11.0 | 8.0<br>5.7   | 24.5<br>18,5 | 12.2<br>11.0 | 12.3 !<br>7.5 | 13.1<br>12.1         | 9.4<br>8,6   | 3.7<br>3.5 |
| 70, bis 80. Lebensjahr.                     | m.<br>w.    | 25.1         | 12.4         | 12.7 !       | 24.2         | 13.7         | 10.5          | 15.0                 | 9.9          | 5.1        |

Ich verschiebe es auf die dritte dieser Abhandlungen, einzelne pathologische Fragen an dem vorgelegten Material zu prüfen. Nur die Frage nach der Weite der Arterien bei Carcinomkranken, welche in Betreff der Aorta ascendens und Pulmonalis bereits in der ersten Abhandlung beantwortet wurde, möchte ich auch hier schon für die Iliacae communes, Subclaviae und Carotides in Betracht ziehen. — Ich verfahre dabei eben so, wie in der ersten Abhandlung und stelle zunächst die Zahlenergebnisse zusammen.

|                                       | Iliaca<br>dextr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Iliaca<br>dextr.<br>auf<br>100 Ctm.<br>Körper-<br>länge | Iliaca<br>sinistr. | Iliaca<br>sinistr.<br>auf<br>100 Ctm.<br>Körper.<br>länge. | Sub-<br>clav.<br>sinistr. | Sub-<br>clav.<br>sinistr.<br>auf<br>100 Ctm.<br>Körperl. | Carot.<br>sinistr. | Carot.<br>sinistr.<br>auf<br>100 Ctm.<br>Körper-<br>länge. | Sub-<br>clav.<br>dextr. | Sub-<br>clav.<br>dextr.<br>auf<br>100 Ctm.<br>Körperl. | Carot.    | Carot.<br>dextr.<br>auf<br>100 Ctm.<br>Körper-<br>länge. |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------|------------------------------------------------------------|---------------------------|----------------------------------------------------------|--------------------|------------------------------------------------------------|-------------------------|--------------------------------------------------------|-----------|----------------------------------------------------------|
| The part of the last                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                    |                                                            | 30                        | -40. L                                                   | ebens              | jahr.                                                      |                         |                                                        |           |                                                          |
| Männer:                               | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                       | _                  |                                                            | -                         | -                                                        | -                  | - 1                                                        | _                       | -                                                      | -         | -                                                        |
| Frauen:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                    | 1                                                          |                           |                                                          |                    |                                                            |                         |                                                        |           | 1                                                        |
| Gesammtmittel (26 Fälle)              | 19.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12.5                                                    | 19.8               | 12.6                                                       | 20.7                      | 13.2                                                     | 17.0               | 10.9                                                       | 21.7                    | 13.8                                                   | 17.9      | 11,4                                                     |
| Mittel von 6 Carcinomfällen           | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13.1                                                    | 21.4               | 13.4                                                       | 20.9                      | 13.0                                                     | 18.2               | 11.5                                                       | 22.3                    | 13.8                                                   | 17.8      | 11.2                                                     |
| Mittel der übrigen 20 Fälle           | 19.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12.4                                                    | 19.4               | 12.4                                                       | 20.7                      | 13.2                                                     | 16.7               | 10.7                                                       | 21.6                    | 13.7                                                   | 18.0      | 11.4                                                     |
| Control of the last the               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                    |                                                            | 40                        | -50. I                                                   | -1                 | i. h.                                                      |                         |                                                        |           |                                                          |
| Männer:                               | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Service !                                               |                    |                                                            | 40                        |                                                          |                    | ganr.                                                      |                         |                                                        |           |                                                          |
| Gesammtmittel (41 Fälle)              | 25.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.7                                                    | 24,7               | 14.2                                                       | 23.7                      | 13.9                                                     | 18.3               | 10.7                                                       | 25.4                    | 15.0                                                   | 18.7      | 11.0                                                     |
| Mittel von 9 Carcinomfällen           | 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.2                                                    | 23,2               | 13.7                                                       | 22.8                      | 13.4                                                     | 18.6               | 10.9                                                       | 24.3                    | 14.3                                                   | 18.6      | 10.9                                                     |
| Mittel der übrigen 32 Fälle           | 25.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.8                                                    | 25,1               | 14.4                                                       | 24.0                      | 14.1                                                     | 18.2               | 10.7                                                       | 25.8                    | 15.2                                                   | 18.7      | 11.0                                                     |
| Frauen:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                    |                                                            |                           |                                                          |                    |                                                            |                         |                                                        |           |                                                          |
| Gesammtmittel (15 Fälle)              | 22.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13.9                                                    | 21.3               | 13.5                                                       | 20.9                      | 13.4                                                     | 17.0               | 10.9                                                       | 22.6                    | 14.4                                                   | 17.7      | 11.3                                                     |
| Mittel von 5 Carcinomfällen           | 23.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14.8                                                    | 23.9               | 14.8                                                       | 21.4                      | 13.4                                                     | 18.0               | 11.3                                                       | 24.5                    | 15.3                                                   | 18.7      | 11.7                                                     |
| Mittel der übrigen 10 Fälle           | 21.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13.5                                                    | 20.2               | 12.9                                                       | 20.6                      | 13.3                                                     | 16.5               | 10.6                                                       | 21.7                    | 13.9                                                   | 17.2      | 11.1                                                     |
| 26 3 62 1 221                         | Contract of the Contract of th | 2.15                                                    | 1,41               |                                                            | 33                        |                                                          |                    | 49                                                         |                         |                                                        | -         | 100                                                      |
| Männer:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                    |                                                            | 50                        | -60. I                                                   | Lebens             | sjahr.                                                     |                         |                                                        |           |                                                          |
| Gesammtmittel (30 Fälle)              | 27.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16.1                                                    | 26.4               | 15.3                                                       | 26.3                      | 15.3                                                     | 19.1               | 111.1                                                      | 26.5                    | 15.5                                                   | 18.7      | 10.9                                                     |
| Mittel v. 12 Carcin,-Fällen           | 26.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15.5                                                    | 26.5               |                                                            | 27                        | 15.6                                                     | 19.0               | 11.1                                                       | 25.4                    | 1 1 1 1 1 1 1 1 1 1                                    | 19.5      | 11.3                                                     |
| Mittel der übrigen 18 Fälle           | 28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16.3                                                    | 26.3               |                                                            | 25.9                      | 15.1                                                     | 19.2               | 11.1                                                       | 27.0                    |                                                        | 18.2      | 10.6                                                     |
| Frauen:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _                                                       |                    |                                                            | 20.0                      |                                                          | -0.2               |                                                            | 21.0                    | 10.,                                                   | 10.2      | 10.0                                                     |
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                       |                    | 100                                                        |                           | 1                                                        | 1                  | 1                                                          |                         | 1                                                      | Larrier . | DEL SE                                                   |
| Männer:                               | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                         |                    |                                                            | 60                        | -70. I                                                   | Lebens             | sjahr.                                                     |                         |                                                        |           |                                                          |
| Gesammtmittel (21 Fälle)              | 27.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16.0                                                    | 28.6               | 16.7                                                       | 26.8                      | 15.8                                                     | 1 18.7             | 11.0                                                       | 28.0                    | 16.6                                                   | 18.4      | 1 10.9                                                   |
| Mittel von 5 Carcinomfällen           | 28.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.0                                                    | 29.2               |                                                            | 28.0                      | 16.3                                                     | 18.1               | 10.6                                                       | 29.6                    |                                                        | 19.1      | 11.1                                                     |
| Mittel der übrigen 16 Fälle           | 27.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15.7                                                    | 28.4               | 16.6                                                       | 26.3                      | 15.5                                                     | 19.0               |                                                            | 27.4                    | 16.2                                                   | 18.1      | 10.8                                                     |
| Frauen:                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         | 100                |                                                            |                           |                                                          |                    |                                                            |                         |                                                        | 10.1      | 10.0                                                     |
|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.12                                                    | 1                  |                                                            |                           | 1                                                        | 1                  | 1                                                          |                         | 1                                                      |           | 1                                                        |
| Männer:                               | MA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         |                    |                                                            | 70                        | -80. I                                                   | Lebens             | sjahr.                                                     |                         |                                                        |           |                                                          |
| Gesammtmittel (10 Fälle)              | 29.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.4                                                    | 29.8               | 17.8                                                       | 28.6                      | 17.0                                                     | 1 19.9             | 111.8                                                      | 28.0                    | 16.9                                                   | 19.3      | 111.6                                                    |
| Mittel von 3 Carcinomfällen           | 30.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18.3                                                    | 30.3               |                                                            | 28.6                      | 17.4                                                     | 19.0               |                                                            | 31.3                    |                                                        | 19.3      |                                                          |
|                                       | 28.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.1                                                    | 18/12/10           | 100 100 100 100 100 100 100 100 100 100                    | 10000                     |                                                          |                    |                                                            |                         |                                                        | 1000000   |                                                          |
| Mittel der übrigen 7 Fälle            | 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 1 1 - 1                                               | 29.5               | 17.5                                                       | 28.5                      | 16.9                                                     | 20.3               | 1 2 . 11                                                   | 25.5                    | 10.3                                                   | 1 54.25   | 1 1 1 15                                                 |
| Mittel der übrigen 7 Fälle<br>Frauen: | 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17.1                                                    | 29.0               | 17.5                                                       | 28.5                      | 16.9                                                     | 20.3               | 12.0                                                       | 25.5                    | 15.3                                                   | 19.3      | 11.6                                                     |

Für die Carcinome ergeben sich hieraus gegenüber den "übrigen Fällen" folgende Verhältnisse:

|                    | A CONTRACTOR OF THE PARTY OF TH |                    | -                                                          | -                         |                                                          |                                         | -                                                          | . Company               |                                                       | AND DESCRIPTION  |                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|---------------------------|----------------------------------------------------------|-----------------------------------------|------------------------------------------------------------|-------------------------|-------------------------------------------------------|------------------|----------------------------------------------------------|
| Ilia<br>dexi       | THE PERSON NAMED IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Iliaca<br>sinistr. | Iliaca<br>sinistr.<br>auf<br>100 Ctm.<br>Körper-<br>länge. | Sub-<br>clav.<br>sinistr. | Sub-<br>clav.<br>sinistr.<br>auf<br>100 Ctm.<br>Körperl. | Carot.                                  | Carot.<br>sinistr.<br>auf<br>100 Ctm.<br>Körper-<br>länge. | Sub-<br>clav.<br>dextr. | Sub-<br>clav.<br>dextr.<br>auf<br>100 Ctm.<br>Körperl | Carot,<br>dextr. | Carot.<br>dextr.<br>auf<br>100 Ctm.<br>Körper-<br>länge. |
| 30-40. Lebensjahr. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
| Männer:   -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                  | -                                                          | -                         |                                                          | -                                       | -                                                          | -                       | _                                                     | -                | -                                                        |
| Frauen: +1         | .7 + 0.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | + 2.0              | +1.0                                                       | + 0.2                     | - 0.2                                                    | + 1.5                                   | + 0.8                                                      | + 0.7                   | +0.1                                                  | - 0.2            | -0.2                                                     |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            | 18                      |                                                       |                  |                                                          |
| 40-50. Lebensjahr. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
| Männer:   - 1      | .2   0.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | - 1.9              | -0.7                                                       | - 1.2                     | - 0.7                                                    | + 0.4                                   | + 0.2                                                      | - 1.5                   | - 0.9                                                 | - 0.1            | -0.1                                                     |
| Frauen: + 2        | .5 + 1.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | + 3.7              | +1.9                                                       | + 0.8                     | + 0.1                                                    | + 1.5                                   | + 0.7                                                      | + 2.8                   | +1.4                                                  | + 1.5            | + 0.6                                                    |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           | Lebens                                                   |                                         |                                                            |                         |                                                       |                  |                                                          |
| Männer: -1         | .1 - 0.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | + 0.2              | +0                                                         | +1.1                      | + 0.5                                                    | - 0.2                                   | + 0                                                        | - 1.6                   | - 0.7                                                 | +1.3             | + 0.7                                                    |
| Frauen: -          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                  | -                                                          | -                         | -                                                        | -                                       | -                                                          | _                       | - 0.7<br>-                                            | -                | -                                                        |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
| 60—70. Lebensjahr. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |
| Männer:   + 1      | .9   + 1.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | + 0.8              | + 0.4                                                      | + 1.7                     | + 0.8                                                    | - 0.9                                   | - 0.5                                                      | + 2.2                   | +1.1                                                  | +1.0             | +0.3                                                     |
| Frauen: -          | 1 -2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    | _                                                          | _                         | _                                                        | _                                       | _                                                          | _                       | _                                                     | _                | _                                                        |
| naminima?          | miles all                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S de la constant   | 100                                                        | Series C                  |                                                          | A                                       | BITARIES                                                   |                         |                                                       | - In-            |                                                          |
| attitud sib man    | find mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | F-077              | i ime                                                      | le la cons                |                                                          | a Shann                                 | illw ne                                                    | 4-16)                   | T 1                                                   | 100 / 10         |                                                          |
|                    | col. manne                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |                                                            |                           | Lebens                                                   | 100000000000000000000000000000000000000 |                                                            |                         |                                                       | Ni mi            | · edenie                                                 |
| Männer: +1         | .3 + 1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | +0.8               | + 0.9                                                      | + 0.1                     | + 0.5                                                    | - 1.3                                   | - 0.5                                                      | +5.8                    | +3.7                                                  | +0               | + 0.1                                                    |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                            |                           |                                                          |                                         |                                                            |                         |                                                       |                  |                                                          |

Die mittelgrossen Arterien waren hiernach bei 72 Mittelzahlen bei den Carcinomatösen 47 Mal weiter, 22 Mal enger und 3 Mal gleich weit, wie bei den "übrigen Fällen". Die + Differenz zu Gunsten der 40 Carcinomatösen beläuft sich in Summa auf 37,5 Millimeter, die — Differenz zu Ungunsten derselben in Summa auf 11,2 Millimeter. — Im Allgemeinen ergiebt sich also auch für diese Arterienabschnitte, dass die Weite derselben bei Carcinomkranken diejenige der an anderweitigen Krankheiten Verstorbenen um etwas übertrifft, und es ist dabei wohl zu erwägen, dass eine wenn auch nur sehr geringe Umfangszunahme der Arterien eine nicht unbedeutende Zunahme des Cubikinhalts derselben bedingt, wenn sie sich über das ganze arterielle System erstreckt. — Der auch hier wieder auffällige negative Befund bei den Männern im 40—50. Lebensjahr wird wesentlich durch die ausnahmsweise Enge der Arterien in den Fällen Nr. 4 und Nr. 12 (Tab. XXI) bedingt. — Schliesst man

diese beiden Fälle aus, so ergeben sich für die männlichen Carcinomkranken dieser Lebensperiode folgende Zahlen (der Reihenfolge der obigen Tabelle entsprechend):

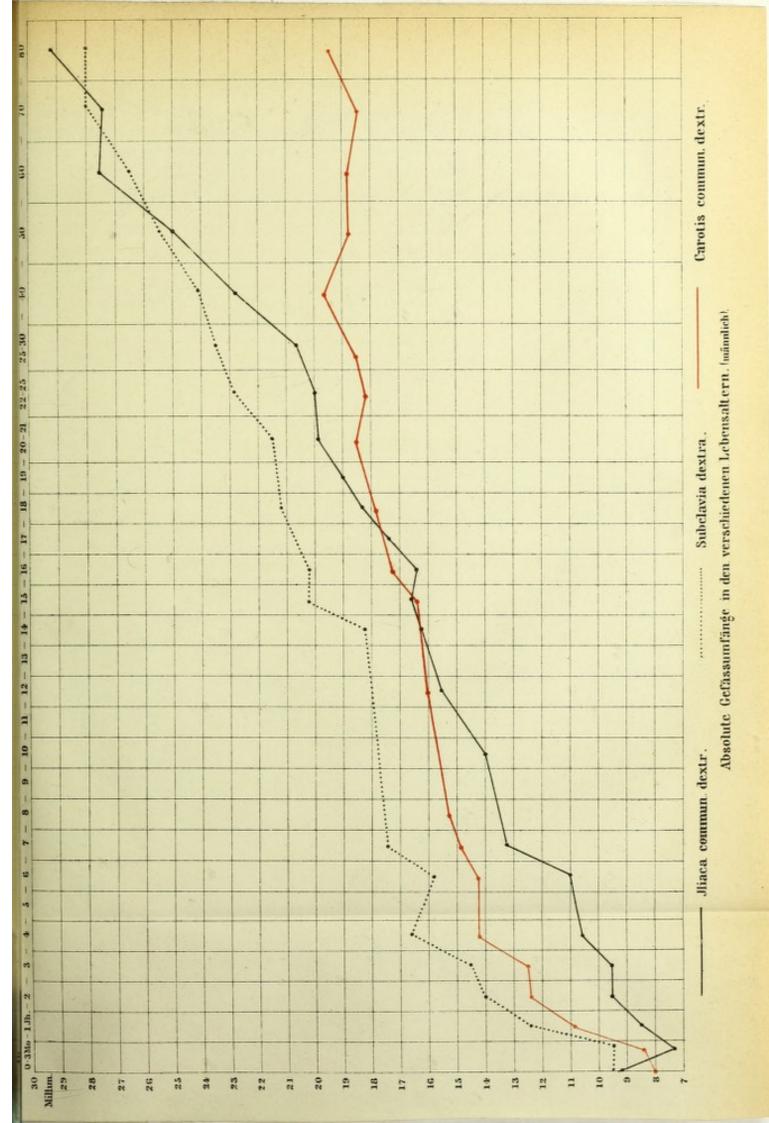
25.9 15.2 24.8 14.6 23.6 13.9 19.5 11.4 25.5 15.0 19.6 11.5;

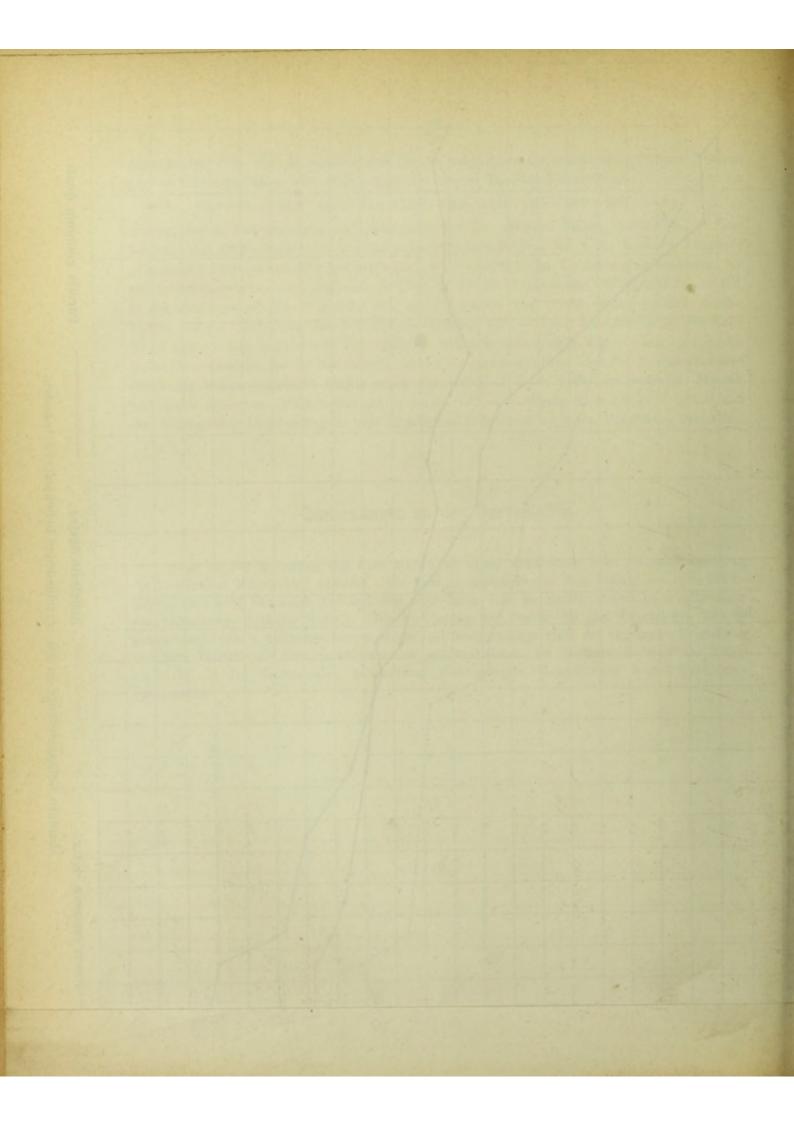
Zahlen, welche fast durchweg die Mittelzahlen für die "übrigen Fälle" übertreffen. — Eine Revision der Sectionsprotocolle ergiebt nun aber, dass im Fall Nr. 4 die klinische Diagnose "Carcinom" nicht vollständig gesichert war, die microscopische Untersuchung vielmehr für ein Lymphosarcom sprach, und dass im Fall Nr. 12 die Diagnose auf Carcin. glandul. maxill, in der chirurgischen Klinik gestellt war, an der Leiche aber nicht weiter geprüft werden konnte, da die Neubildung durch Operation entfernt war. — Eine Ausschliessung der Fälle Nr. 4 und 12 Tab. XXI würde hier deshalb vielleicht erforderlich sein. — Ich lege jedoch darauf kein Gewicht, da die Bestätigung meines Gesammtresultates, dass die Carcinomkranken durch ein weites arterielles Gefässsystem ausgezeichnet sind, doch erst von der Zukunft und noch grösseren Zahlenreihen zu erwarten ist. — Vorläufig muss ich auch auf Grund der vorliegenden Untersuchungen der mittelgrossen Arterien an jenen Resultaten festhalten.

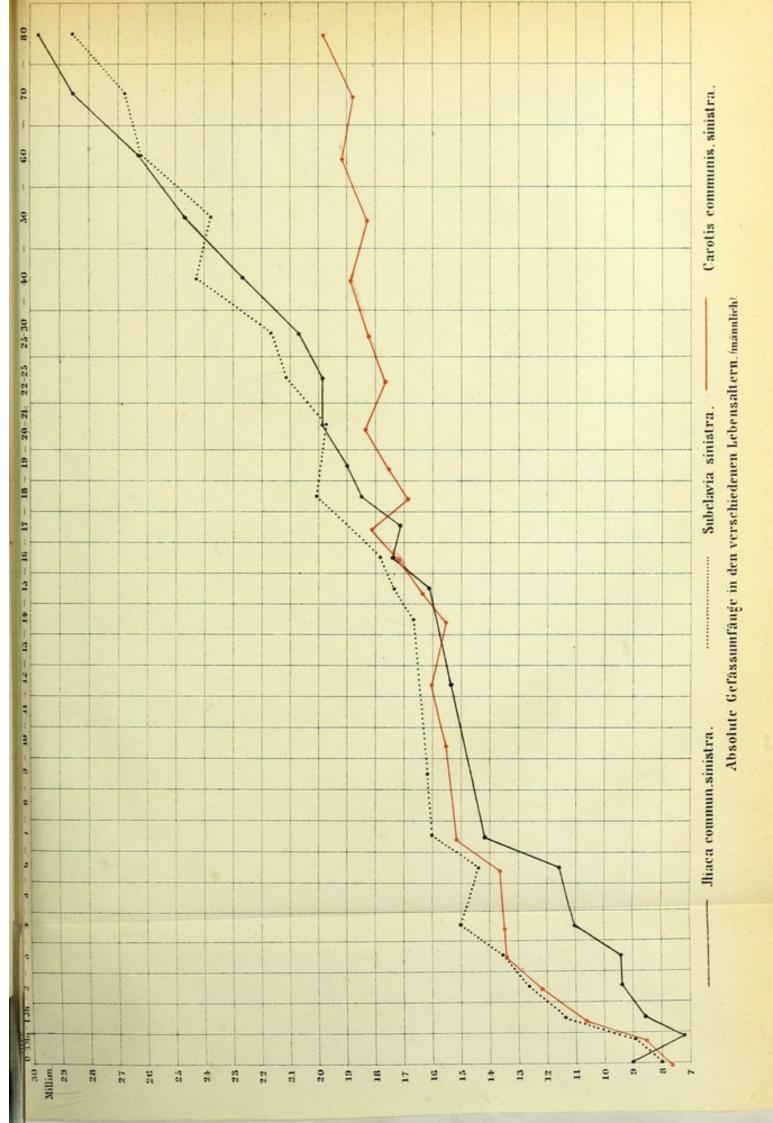
## Bemerkungen zu den Curventafeln.

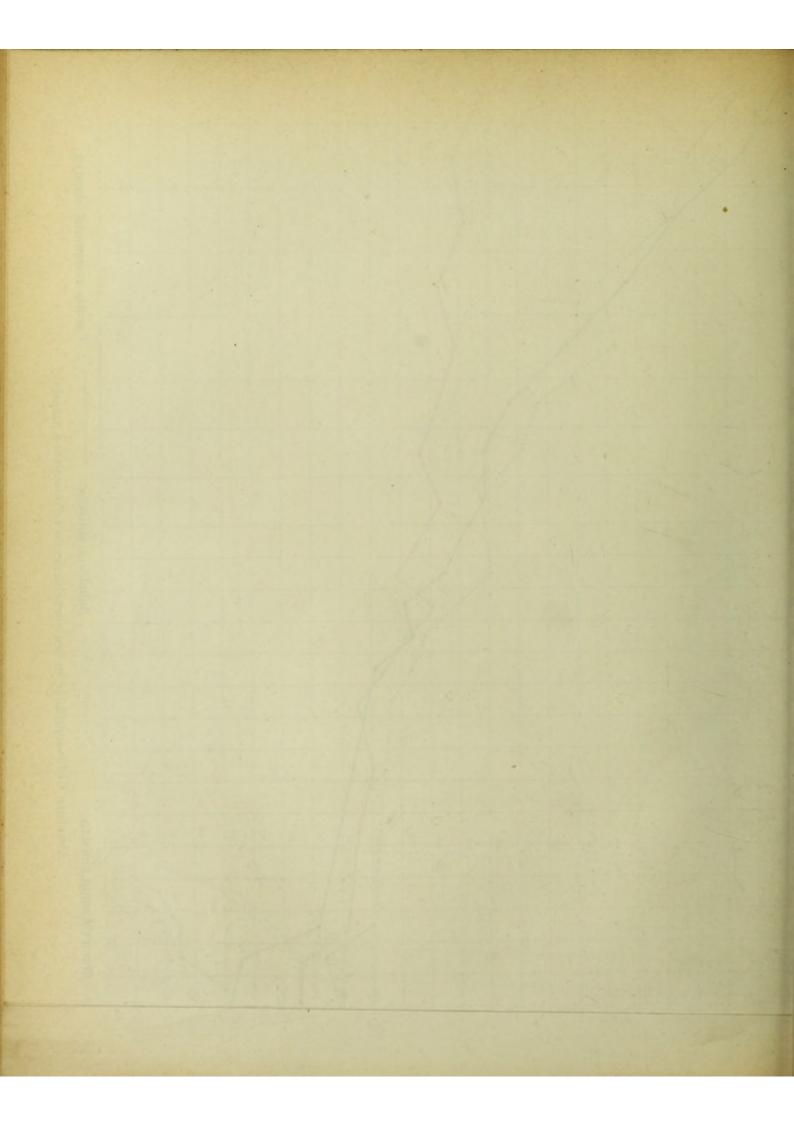
Auch bei der Zeichnung der Curventafeln zu dieser Abhandlung habe ich mich streng an die berechneten Mittelzahlen gehalten. Die Unregelmässigkeiten in dem Verlauf der einzelnen Curven sind wohl nur durch Zufälligkeiten oder durch eine zu geringe Anzahl von Messungen der betreffenden Arterien bedingt. Die Verkürzung der Curven für die Lebensjahre 22—80 geschah auch hier der Raumersparniss wegen; sie beeinträchtigt nicht die allgemeine Vorstellung von dem Verlaufe der Curven während des ganzen Lebens. Im Weiteren bedürfen die Tafeln nach den in der vorstehenden Abhandlung niedergelegten Bemerkungen keiner besonderen Erläuterung.

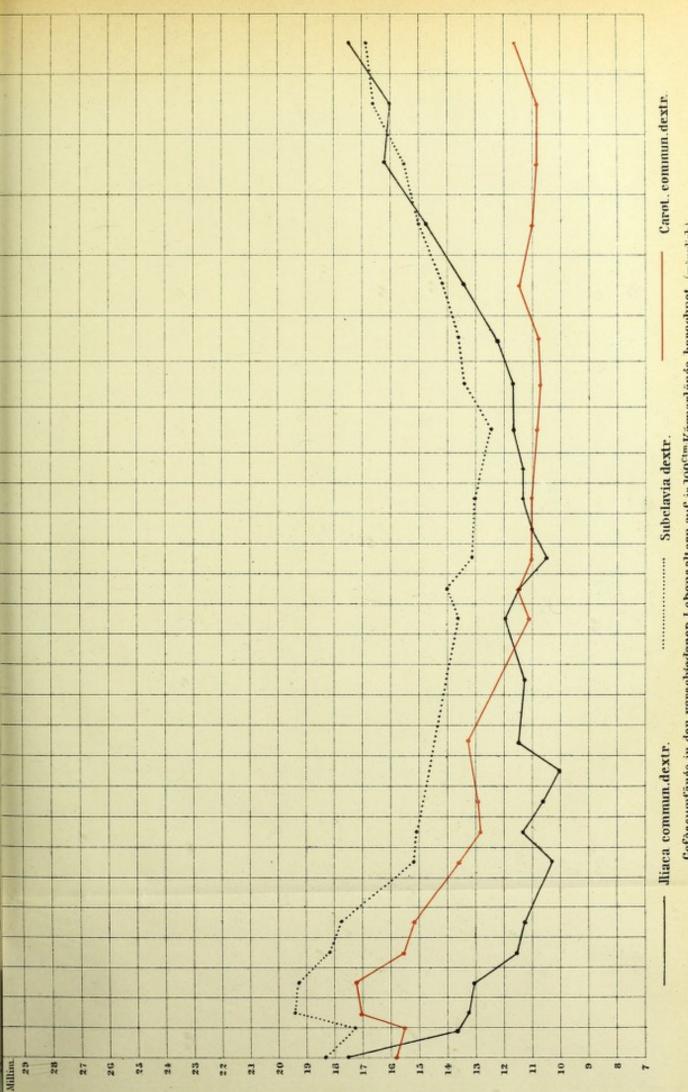
Druck von Friedr. Scheel in Cassel.



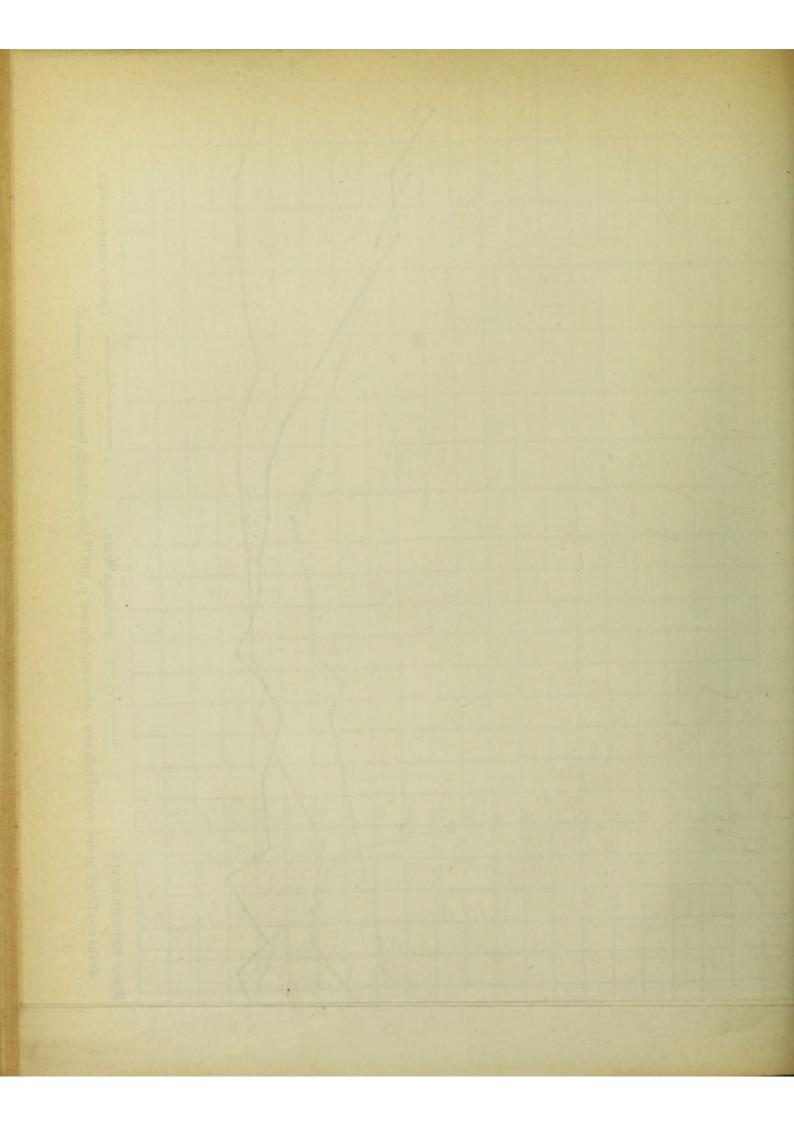


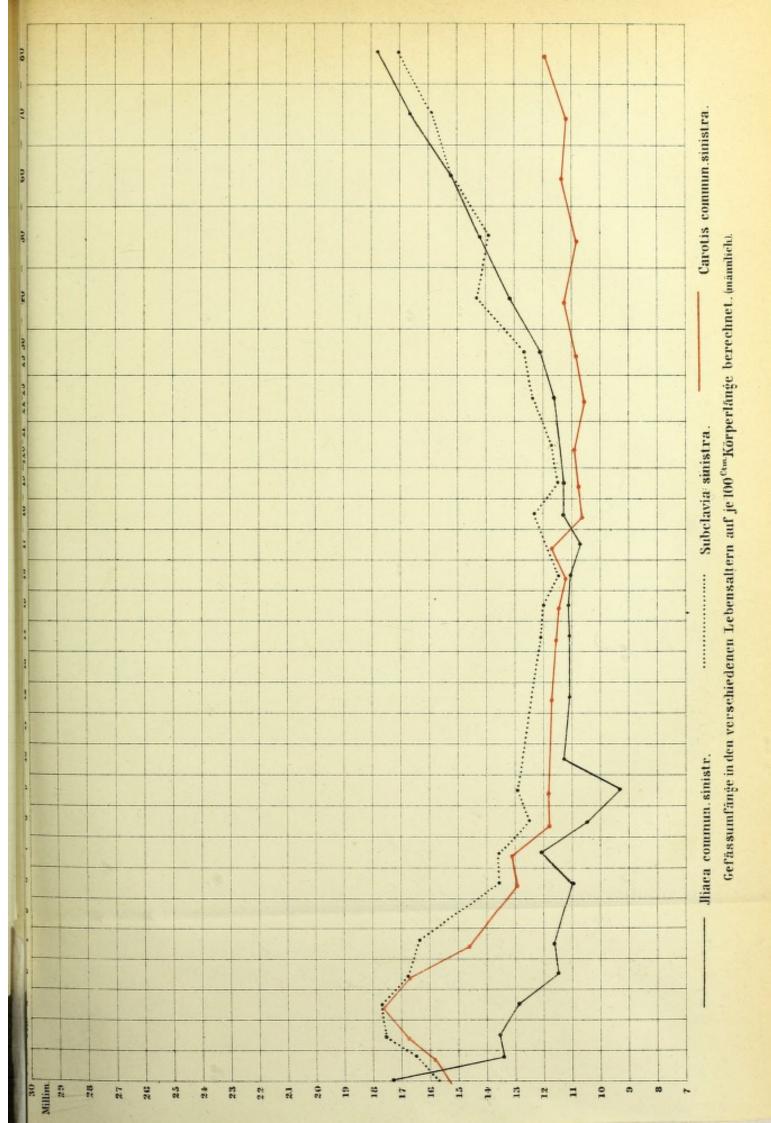


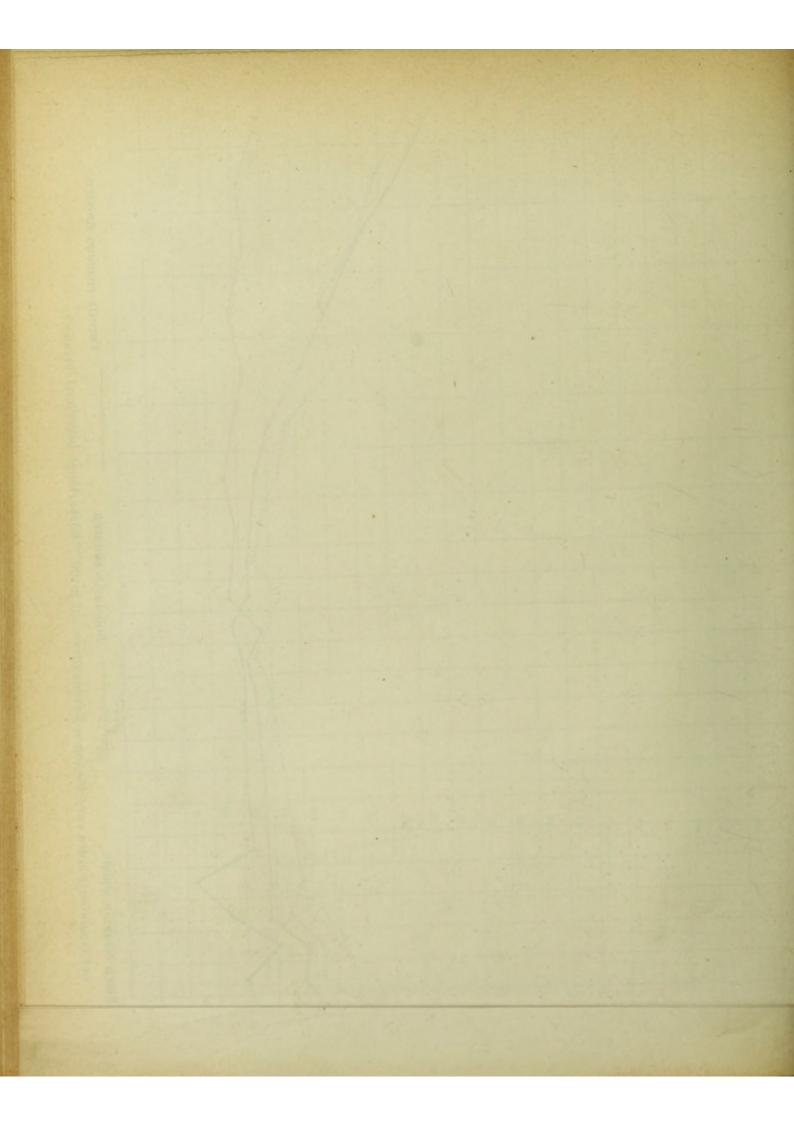


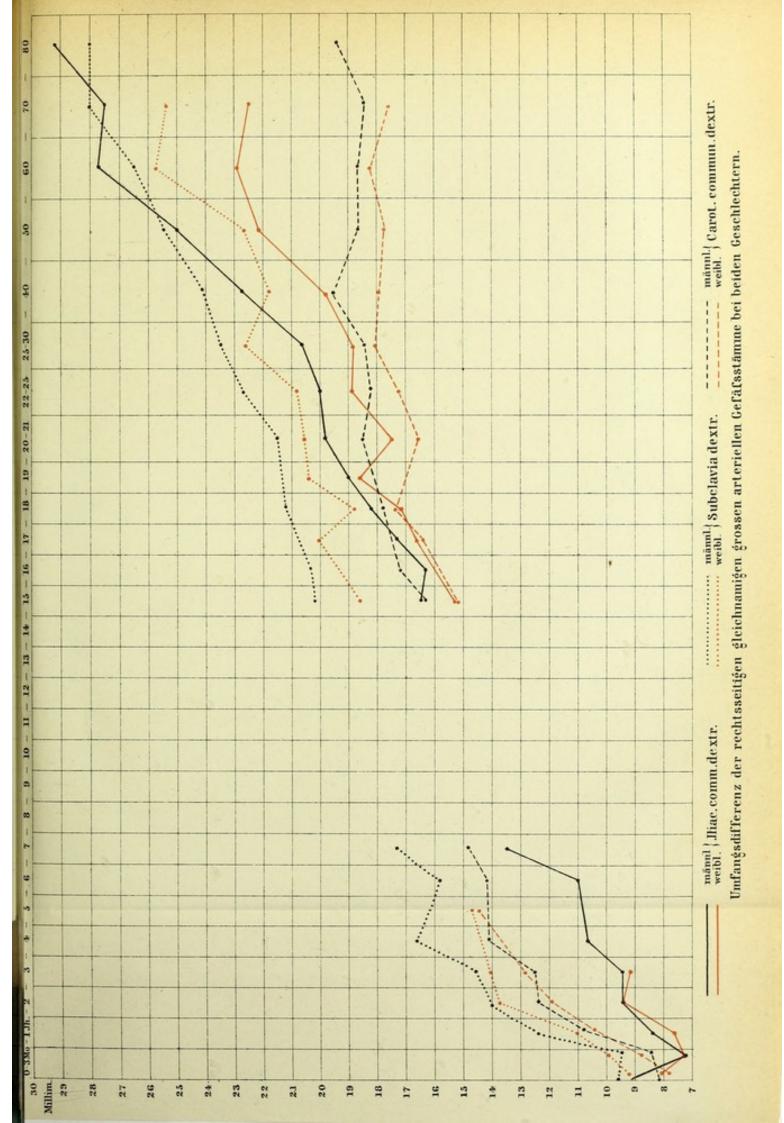


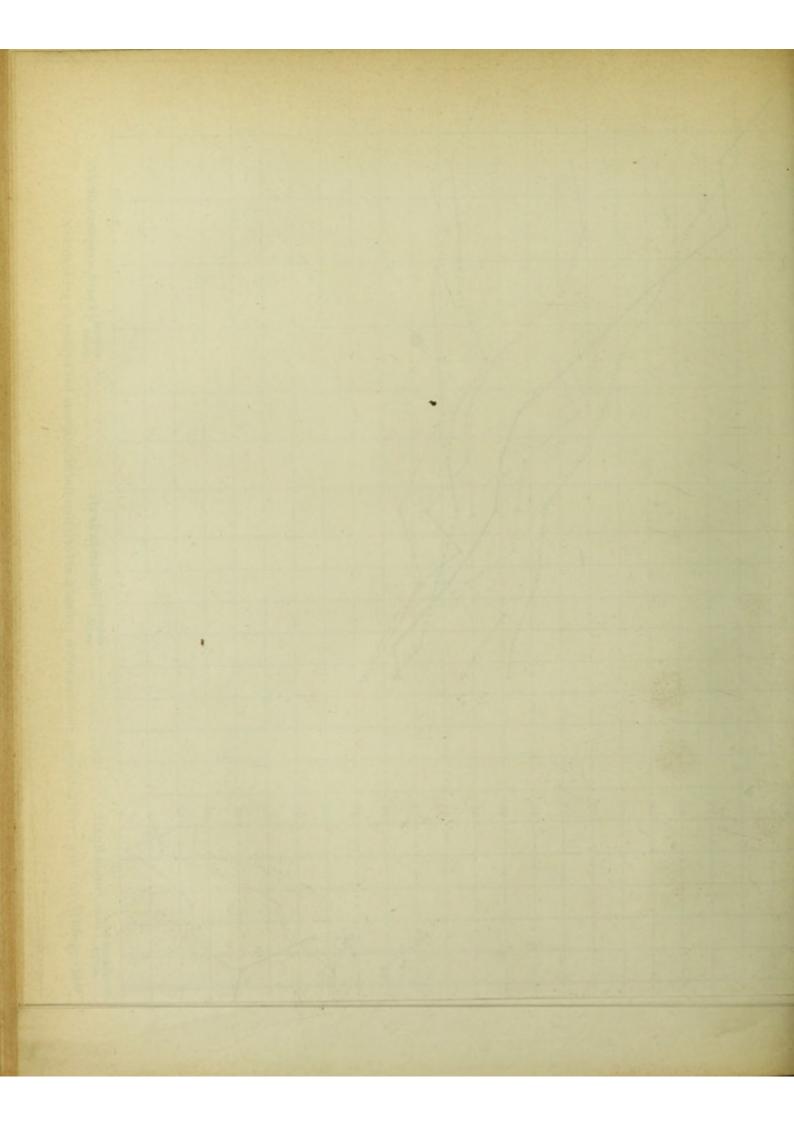
Gefässumfänge in den verschiedenen Lebensaltern auf je 100° tm. Körperlänge berechnet, (manulich)

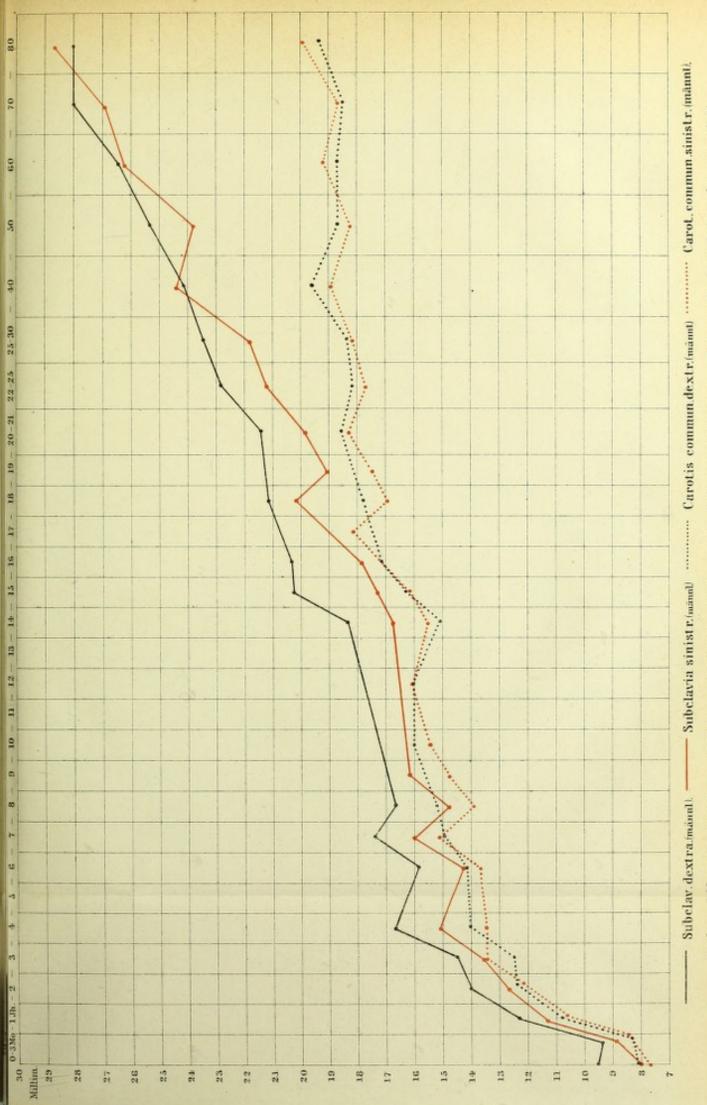












Umfangsdifferenz der rechts und linksseitigen gleichnamigen grossen Halsarterienstämme in den verschiedenen Lebensaltern männlich

