

**Reports of the Surgical Registrar, Resident Medical Officer, Obstetrical Registrar, Pathologist and Radiographer : 1916 / North London or University College Hospital.**

**Contributors**

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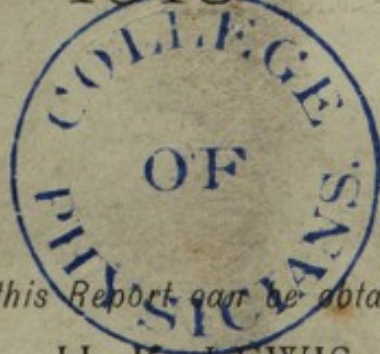
NORTH LONDON  
OR  
UNIVERSITY COLLEGE HOSPITAL  
GOWER STREET, LONDON, W.C.

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REPORTS  
OF THE  
SURGICAL REGISTRAR,  
RESIDENT MEDICAL OFFICER,  
OBSTETRICAL REGISTRAR,  
PATHOLOGIST,  
AND  
RADIOGRAPHER

FOR

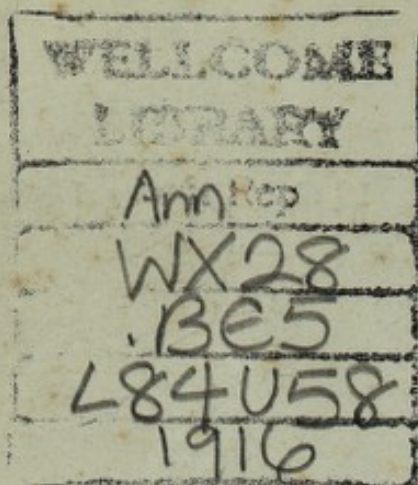
1916



*Copies of this Report can be obtained of*

MR. H. K. LEWIS,  
136 GOWER STREET, W.C.





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1916.

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GYNÆCOLOGICAL CASES.

PATHOLOGIST'S REPORT.

RADIOGRAPHER'S REPORT.



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REPORT  
OF THE  
SURGICAL REGISTRAR  
FOR  
1916



REPORT

SURGICAL REGISTRAR

1918

## PREFACE.

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THE Surgical Report consists of a Classified Table of Diseases and Injuries, followed by an Appendix, in which the cases are referred to individually by their number in the Hospital Register.

Cases treated by the Ear, Nose, and Throat Department are included in the total admissions for the year, but are not classified in the Table or Appendix.

The Notes are bound in the order in which they are arranged in the Report.

Cases in the Military Wards do not appear in these lists.

C. E. SHATTOCK,

*Surgical Registrar.*

*January 21, 1917.*

## 1916.

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|                |                                     |              |
|----------------|-------------------------------------|--------------|
| SURGICAL CASES | remaining in Hospital, December 31, |              |
|                | 1915 ... ..                         | 107          |
| Do. do.        | admitted during 1916 ... ..         | 1,492        |
|                |                                     | <u>1,599</u> |

|                |                                     |    |
|----------------|-------------------------------------|----|
| SURGICAL CASES | remaining in Hospital, December 31, |    |
| 1916 ... ..    |                                     | 99 |



CLASSIFIED TABLE OF DISEASES AND  
INJURIES.

TABLE I.

Showing Total Number of Cases of each Disease or Injury which were Discharged or Died during 1916.

NOTE.—This Table only includes those Patients actually admitted into the Wards, so that the figures only approximately indicate the number of cases treated surgically.

| DISEASES                                                       | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|----------------------------------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                                                |       | M.         | F.  | M.   | F.  |                             |
| MALFORMATIONS.                                                 |       |            |     |      |     | Page                        |
| Cleft palate .....                                             | 6     | ...        | 6   | ...  | ... |                             |
| Hare-lip .....                                                 | 1     | ...        | 1   | ...  | ... |                             |
| Congenital torticollis.....                                    | 2     | ...        | 2   | ...  | ... |                             |
| „ talipes and equino-varus .....                               | 4     | 2          | 2   | ...  | ... |                             |
| Undescended testis .....                                       | 8     | 8          | ... | ...  | ... |                             |
| Radio-ulnar synostosis .....                                   | 1     | ...        | 1   | ...  | ... |                             |
| ? Cervical rib .....                                           | 1     | ...        | 1   | ...  | ... |                             |
| Congenital stenosis of colon .....                             | 1     | ...        | ... | 1    | ... |                             |
| „ dislocation of hip .....                                     | 11    | 9          | 2   | ...  | ... |                             |
| Thyroglossal cyst .....                                        | 5     | 3          | 2   | ...  | ... |                             |
| Branchial cyst .....                                           | 6     | 1          | 5   | ...  | ... |                             |
| Pharyngeal pouch .....                                         | 1     | 1          | ... | ...  | ... |                             |
| DEFORMITIES FROM INJURY OR DISEASE.                            |       |            |     |      |     |                             |
| Dupuytren's contraction .....                                  | 2     | 2          | ... | ...  | ... |                             |
| Ingrowing toe-nail .....                                       | 1     | ...        | 1   | ...  | ... |                             |
| Hammer toe .....                                               | 2     | ...        | 2   | ...  | ... |                             |
| Hallux valgus.....                                             | 3     | ...        | 3   | ...  | ... |                             |
| Genu valgum .....                                              | 3     | 1          | 2   | ...  | ... |                             |
| Kyphosis.....                                                  | 1     | 1          | ... | ...  | ... |                             |
| Scoliosis .....                                                | 2     | 1          | 1   | ...  | ... |                             |
| Talipes equino-varus following anterior<br>poliomyelitis ..... | 4     | 3          | 1   | ...  | ... |                             |
| Deformity of fingers after injury .....                        | 2     | ...        | 2   | ...  | ... |                             |
| Contraction of knees.....                                      | 1     | 1          | ... | ...  | ... |                             |
| NERVOUS SYSTEM.                                                |       |            |     |      |     |                             |
| Epilepsy .....                                                 | 3     | 3          | ... | ...  | ... |                             |
| ? Chronic meningitis .....                                     | 1     | 1          | ... | ...  | ... |                             |
| Spastic paraplegia .....                                       | 2     | 1          | 1   | ...  | ... |                             |
| Trigeminal neuralgia .....                                     | 4     | 1          | 3   | ...  | ... |                             |
| Cerebellar cyst .....                                          | 1     | ...        | ... | 1    | ... |                             |
| ? Cerebellar cyst.....                                         | 1     | 1          | ... | ...  | ... |                             |
| Cerebral tumour.....                                           | 1     | 1          | ... | ...  | ... |                             |
| Sarcoma of dura mater .....                                    | 1     | ...        | 1   | ...  | ... |                             |
| Tumours of nerves.....                                         | 2     | 2          | ... | ...  | ... |                             |
| Pain following nerve injuries .....                            | 5     | 3          | 2   | ...  | ... |                             |
| Injuries to nerves .....                                       | 6     | 5          | 1   | ...  | ... |                             |
| NOSE.                                                          |       |            |     |      |     |                             |
| Carcinoma of maxillary antrum .....                            | 1     | ...        | 1   | ...  | ... |                             |
| Epithelioma of nose .....                                      | 1     | 1          | ... | ...  | ... |                             |



| DISEASES                                   | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|--------------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                            |       | M.         | F.  | M.   | F.  |                             |
| RESPIRATORY SYSTEM.                        |       |            |     |      |     |                             |
|                                            |       |            |     |      |     | Page                        |
| Carcinoma of larynx .....                  | 1     | 1          | ... | ...  | ... |                             |
| ? Tuberculous laryngitis .....             | 1     | 1          | ... | ...  | ... |                             |
| Syphilitic laryngitis .....                | 1     | ...        | 1   | ...  | ... |                             |
| Bronchitis .....                           | 2     | 1          | 1   | ...  | ... |                             |
| Bronchiectasis.....                        | 2     | 2          | ... | ...  | ... |                             |
| Tuberculosis of lung .....                 | 7     | 6          | 1   | ...  | ... |                             |
| Empyema .....                              | 16    | 5          | 7   | 4    | ... |                             |
| THYROID GLAND.                             |       |            |     |      |     |                             |
| Adenoma.....                               | 14    | 2          | 12  | ...  | ... |                             |
| Colloid goitre.....                        | 14    | 3          | 11  | ...  | ... |                             |
| Exophthalmic goitre .....                  | 12    | 1          | 11  | ...  | ... |                             |
| CIRCULATORY SYSTEM.                        |       |            |     |      |     |                             |
| Varicose veins .....                       | 24    | 11         | 13  | ..   | ... |                             |
| Diabetic gangrene.....                     | 3     | ...        | 2   | 1    | ... |                             |
| Senile gangrene .....                      | 2     | ...        | 2   | ...  | ... |                             |
| Gangrene following endarteritis obliterans | 1     | 1          | ... | ...  | ... |                             |
| Aneurism.....                              | 3     | 2          | ... | 1    | ... |                             |
| Nævus.....                                 | 1     | 1          | ... | ...  | ... |                             |
| Elephantiasis .....                        | 1     | 1          | ... | ...  | ... |                             |
| Acute endocarditis.....                    | 1     | ...        | ... | ...  | 1   |                             |
| LYMPHATIC SYSTEM.                          |       |            |     |      |     |                             |
| Syphilitic glands of neck .....            | 2     | 2          | ... | ...  | ... |                             |
| Lymphadenoma.....                          | 1     | ...        | 1   | ...  | ... |                             |
| Sarcoma of axillary glands .....           | 2     | 2          | ... | ...  | ... |                             |
| Malignant glands of neck.....              | 9     | 7          | 2   | ...  | ... |                             |
| „     inguinal glands .....                | 1     | 1          | ... | ..   | ... |                             |
| Suppurative adenitis of neck .....         | 5     | 2          | 3   | ...  | ... |                             |
| „     „     groin .....                    | 1     | ...        | 1   | ...  | ... |                             |
| Chronic adenitis of neck .....             | 4     | 2          | 2   | ...  | ... |                             |
| Tuberculous mediastinal gland .....        | 1     | 1          | ... | ...  | ... |                             |
| „     glands of mesentery .....            | 1     | ...        | 1   | ...  | ... |                             |
| „     inguinal glands.....                 | 2     | 1          | 1   | ...  | ... |                             |
| „     axillary glands.....                 | 5     | 2          | 3   | ...  | ... |                             |
| „     glands of neck.....                  | 71    | 25         | 46  | ...  | ... |                             |
| MOUTH AND SALIVARY GLANDS.                 |       |            |     |      |     |                             |
| Alveolar abscess.....                      | 1     | ...        | 1   | ...  | ... |                             |
| Mal-erupted molar tooth .....              | 1     | 1          | ... | ...  | ... |                             |
| Acute suppurative glossitis .....          | 1     | 1          | ... | ...  | ... |                             |
| Chronic superficial glossitis .....        | 1     | 1          | ... | ...  | ... |                             |
| Tuberculous tongue .....                   | 1     | 1          | ... | ...  | ... |                             |
| Papilloma of tongue .....                  | 2     | 2          | ... | ...  | ... |                             |
| Mucous cyst of tongue .....                | 1     | ...        | 1   | ...  | ... |                             |



| DISEASES                                     | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|----------------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                              |       | M.         | F.  | M.   | F.  |                             |
| Page                                         |       |            |     |      |     |                             |
| MOUTH AND SALIVARY GLANDS<br>(continued).    |       |            |     |      |     |                             |
| Ranula.....                                  | 2     | 1          | 1   | ...  | ... |                             |
| Fibrous epulis.....                          | 3     | ...        | 3   | ...  | ... |                             |
| Myeloid „.....                               | 2     | ...        | 2   | ...  | ... |                             |
| Epithelioma of lip.....                      | 7     | 7          | ... | ...  | ... |                             |
| „ „ cheek.....                               | 1     | 1          | ... | ...  | ... |                             |
| „ „ floor of mouth.....                      | 1     | 1          | ... | ...  | ... |                             |
| „ „ tongue.....                              | 6     | 6          | ... | ...  | ... |                             |
| „ „ gum.....                                 | 2     | 1          | 1   | ...  | ... |                             |
| Endothelioma of gum.....                     | 1     | ...        | 1   | ...  | ... |                             |
| Epithelioma of palate.....                   | 1     | 1          | ... | ...  | ... |                             |
| Syphilitic ulceration of palate.....         | 1     | ...        | 1   | ...  | ... |                             |
| Salivary calculi.....                        | 2     | ...        | 2   | ...  | ... |                             |
| Malignant tumour of parotid.....             | 1     | ...        | 1   | ...  | ... |                             |
| Tuberculous disease of parotid.....          | 1     | ...        | 1   | ...  | ... |                             |
| Chronic tonsillitis.....                     | 1     | ...        | 1   | ...  | ... |                             |
| PHARYNX AND ŒSOPHAGUS.                       |       |            |     |      |     |                             |
| Carcinoma of pharynx.....                    | 2     | 2          | ... | ...  | ... |                             |
| „ „ œsophagus.....                           | 6     | 3          | 3   | ...  | ... |                             |
| STOMACH.                                     |       |            |     |      |     |                             |
| Dyspepsia.....                               | 1     | 1          | ... | ...  | ... |                             |
| Perigastric adhesions.....                   | 1     | ...        | 1   | ...  | ... |                             |
| ? Gastric ulcer.....                         | 3     | 2          | 1   | ...  | ... |                             |
| Chronic gastric ulcer.....                   | 6     | 5          | 1   | ...  | ... |                             |
| Pyloric obstruction from scar.....           | 3     | 1          | 2   | ...  | ... |                             |
| Acute hæmatemesis.....                       | 2     | 1          | ... | 1    | ... |                             |
| Perforated gastric ulcer.....                | 7     | 1          | 2   | 1    | 3   |                             |
| Internal fistula after gastro-enterostomy... | 1     | ...        | ... | 1    | ... |                             |
| Carcinoma.....                               | 18    | 8          | 5   | 3    | 2   |                             |
| DUODENUM.                                    |       |            |     |      |     |                             |
| Duodenal ulcer.....                          | 3     | 3          | ... | ...  | ... |                             |
| Perforated duodenal ulcer.....               | 3     | 2          | ... | 1    | ... |                             |
| INTESTINES.                                  |       |            |     |      |     |                             |
| Abdominal pain.....                          | 7     | 4          | 3   | ...  | ... |                             |
| Constipation.....                            | 5     | ...        | 5   | ...  | ... |                             |
| Fæcal fistula.....                           | 4     | 2          | 2   | ...  | ... |                             |
| Tuberculous enteritis.....                   | 1     | ...        | ... | ...  | 1   |                             |
| Incomplete intestinal obstruction.....       | 3     | 1          | 2   | ...  | ... |                             |
| Intussusception.....                         | 2     | ...        | ... | 1    | 1   |                             |
| Acute obstruction by band.....               | 1     | ...        | 1   | ...  | ... |                             |
| Carcinoma of colon.....                      | 16    | 6          | 6   | 2    | 2   |                             |

| DISEASES                                    | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|---------------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                             |       | M.         | F.  | M.   | F.  |                             |
|                                             |       |            |     |      |     | Page                        |
| APPENDIX.                                   |       |            |     |      |     |                             |
| Appendix removed during quiescent period    | 35    | 15         | 20  | ...  | ... |                             |
| ? Appendicitis .....                        | 14    | 5          | 9   | ...  | ... |                             |
| Appendix removed after healing of abscess   | 5     | 3          | 2   | ...  | ... |                             |
| Acute appendicitis—                         |       |            |     |      |     |                             |
| i. Operation, no drainage .....             | 33    | 11         | 22  | ...  | ... |                             |
| ii. Operation, drainage .....               | 12    | 5          | 7   | ...  | ... |                             |
| Appendicitis with abscess—                  |       |            |     |      |     |                             |
| i. Appendix removed .....                   | 30    | 13         | 17  | ...  | ... |                             |
| ii. Appendix not removed .....              | 7     | 5          | 2   | ...  | ... |                             |
| Appendicitis with spreading peritonitis ... | 7     | 5          | 2   | ...  | ... |                             |
| "  "  general peritonitis .....             | 4     | 1          | 1   | 1    | 1   |                             |
| ? Appendix abscess .....                    | 1     | ...        | 1   | ...  | ... |                             |
| Residual abscess following appendicitis ... | 2     | 2          | ... | ...  | ... |                             |
| Typhlitis ? appendicitis .....              | 1     | ...        | 1   | ...  | ... |                             |
| Sinus following operation for appendicitis  | 4     | 3          | 1   | ...  | ... |                             |
| RECTUM AND ANUS.                            |       |            |     |      |     |                             |
| Internal hæmorrhoids .....                  | 11    | 7          | 4   | ...  | ... |                             |
| ? Hæmorrhoids .....                         | 1     | 1          | ... | ...  | ... |                             |
| Fistula in ano .....                        | 10    | 6          | 4   | ...  | ... |                             |
| Ischio-rectal abscess .....                 | 1     | 1          | ... | ...  | ... |                             |
| Prolapse of rectum .....                    | 2     | 1          | 1   | ...  | ... |                             |
| Papilloma of rectum .....                   | 3     | ...        | 3   | ...  | ... |                             |
| Simple ulcer of rectum .....                | 1     | ...        | 1   | ...  | ... |                             |
| Chronic indurative proctitis .....          | 1     | ...        | 1   | ...  | ... |                             |
| Carcinoma of rectum .....                   | 23    | 10         | 7   | 6    | ... |                             |
| LIVER AND BILE PASSAGES.                    |       |            |     |      |     |                             |
| Cholelithiasis .....                        | 25    | 5          | 19  | 1    | ... |                             |
| Acute non-calculous cholecystitis .....     | 1     | ...        | 1   | ...  | ... |                             |
| ? Cholelithiasis .....                      | 4     | ...        | 4   | ...  | ... |                             |
| Obstruction of common duct .....            | 1     | ...        | 1   | ...  | ... |                             |
| Carcinoma of gall-bladder .....             | 1     | ...        | ... | ...  | 1   |                             |
| ? Liver abscess .....                       | 1     | 1          | ... | ...  | ... |                             |
| Enlargement of liver .....                  | 1     | ...        | 1   | ...  | ... |                             |
| Cirrhosis of liver .....                    | 2     | 1          | ... | 1    | ... |                             |
| PANCREAS.                                   |       |            |     |      |     |                             |
| Carcinoma of pancreas .....                 | 2     | ...        | ... | 1    | 1   |                             |
| Pancreatic cyst .....                       | 2     | ...        | 2   | ...  | ... |                             |
| Acute pancreatitis .....                    | 3     | ...        | 3   | ...  | ... |                             |
| PERITONEUM.                                 |       |            |     |      |     |                             |
| Tuberculous peritonitis .....               | 5     | 2          | 3   | ...  | ... |                             |
| Pneumococcal peritonitis .....              | 1     | ...        | ... | ...  | 1   |                             |
| Streptococcal peritonitis .....             | 1     | ...        | ... | ...  | 1   |                             |



| DISEASES                                | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |  |
|-----------------------------------------|-------|------------|-----|------|-----|-----------------------------|--|
|                                         |       | M.         | F.  | M.   | F.  |                             |  |
| HERNIA.                                 |       |            |     |      |     |                             |  |
| Inguinal .....                          | 89    | 71         | 18  | ...  | ... | Page                        |  |
| "    recurrent .....                    | 2     | 2          | ... | ...  | ... |                             |  |
| Femoral .....                           | 7     | 2          | 5   | ...  | ... |                             |  |
| Umbilical .....                         | 3     | 1          | 2   | ...  | ... |                             |  |
| Hernia through linea alba .....         | 1     | 1          | ... | ...  | ... |                             |  |
| "    "    abdominal scars .....         | 7     | 6          | 1   | ...  | ... |                             |  |
| Strangulated—                           |       |            |     |      |     |                             |  |
| Inguinal .....                          | 5     | 3          | 1   | 1    | ... |                             |  |
| Femoral .....                           | 10    | 1          | 8   | ...  | 1   |                             |  |
| Umbilical .....                         | 2     | ...        | 1   | ...  | 1   |                             |  |
| URINARY TRACT.                          |       |            |     |      |     |                             |  |
| Movable kidney .....                    | 5     | ...        | 5   | ...  | ... |                             |  |
| Renal pain .....                        | 3     | ...        | 3   | ...  | ... |                             |  |
| Hæmaturia ? cause .....                 | 4     | 3          | 1   | ...  | ... |                             |  |
| Pyelitis .....                          | 2     | 1          | 1   | ...  | ... |                             |  |
| Hydronephrosis .....                    | 2     | 1          | ... | ...  | 1   |                             |  |
| Malignant tumour of kidney .....        | 1     | ...        | ... | 1    | ... |                             |  |
| Perinephric abscess .....               | 2     | 2          | ... | ...  | ... |                             |  |
| Tuberculosis of kidney .....            | 5     | 2          | 2   | 1    | ... |                             |  |
| Renal calculus .....                    | 5     | 3          | 2   | ...  | ... |                             |  |
| ? Renal calculus.....                   | 1     | ...        | 1   | ...  | ... |                             |  |
| Ureteric calculus .....                 | 1     | 1          | ... | ...  | ... |                             |  |
| ? Ureteric calculus.....                | 2     | 2          | ... | ...  | ... |                             |  |
| Vesical calculus .....                  | 4     | 2          | 2   | ...  | ... |                             |  |
| Carcinoma of bladder .....              | 3     | 3          | ... | ...  | ... |                             |  |
| Recurrent papilloma of bladder .....    | 1     | 1          | ... | ...  | ... |                             |  |
| MALE GENERATIVE ORGANS.                 |       |            |     |      |     |                             |  |
| Varicocele .....                        | 2     | 2          | ... | ...  | ... |                             |  |
| Hydrocele of cord .....                 | 1     | 1          | ... | ...  | ... |                             |  |
| Encysted hydrocele of epididymis .....  | 3     | 3          | ... | ...  | ... |                             |  |
| Hydrocele of tunica vaginalis .....     | 7     | 7          | ... | ...  | ... |                             |  |
| Tuberculous epididymitis .....          | 4     | 4          | ... | ...  | ... |                             |  |
| Peri-urethral abscess .....             | 1     | 1          | ... | ...  | ... |                             |  |
| Urethral stricture .....                | 10    | 9          | ... | 1    | ... |                             |  |
| Malignant growth of testis .....        | 3     | 3          | ... | ...  | ... |                             |  |
| Senile enlargement of prostate .....    | 16    | 12         | ... | 4    | ... |                             |  |
| ? Enlarged prostate .....               | 1     | 1          | ... | ...  | ... |                             |  |
| Hæmaturia from tuberculous prostate ... | 2     | 2          | ... | ...  | ... |                             |  |
| Carcinoma of prostate .....             | 4     | 3          | ... | 1    | ... |                             |  |
| FEMALE GENERATIVE ORGANS.               |       |            |     |      |     |                             |  |
| Ruptured ectopic gestation .....        | 1     | ...        | 1   | ...  | ... |                             |  |
| Retroversion of uterus .....            | 1     | ...        | 1   | ...  | ... |                             |  |
| Fibroid of uterus .....                 | 1     | ...        | 1   | ...  | ... |                             |  |
| Prolapse of ovary .....                 | 1     | ...        | 1   | ...  | ... |                             |  |

| DISEASES                                 | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|------------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                          |       | M.         | F.  | M.   | F.  |                             |
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| FEMALE GENERATIVE ORGANS<br>(continued). |       |            |     |      |     |                             |
| Ovaritis .....                           | 1     | ...        | 1   | ...  | ... |                             |
| Ovarian cyst .....                       | 1     | ...        | 1   | ...  | ... |                             |
| Salpingitis and pelvic peritonitis.....  | 5     | ...        | 5   | ...  | ... |                             |
| Retained pessary .....                   | 2     | ...        | 2   | ...  | ... |                             |
| BREAST.                                  |       |            |     |      |     |                             |
| Fibro-adenoma .....                      | 4     | ...        | 4   | ...  | ... |                             |
| Chronic mastitis.....                    | 16    | ...        | 16  | ...  | ... |                             |
| Carcinoma .....                          | 56    | 1          | 54  | ...  | 1   |                             |
| Recurrent carcinoma .....                | 7     | ...        | 7   | ...  | ... |                             |
| BONES.                                   |       |            |     |      |     |                             |
| Typhoid osteomyelitis ..                 | 1     | 1          | ..  | ...  | ... |                             |
| Osteomyelitis .....                      | 7     | 3          | 3   | 1    | ... |                             |
| Sinus following osteomyelitis .....      | 9     | 7          | 2   | ...  | ... |                             |
| Syphilis .....                           | 8     | 4          | 4   | ...  | ... |                             |
| Tuberculosis .....                       | 21    | 11         | 10  | ...  | ... |                             |
| ? Psoas abscess .....                    | 2     | ...        | 2   | ...  | ... |                             |
| Hysterical spine.....                    | 1     | ...        | 1   | ...  | ... |                             |
| Cross-union between radius and ulna..... | 1     | 1          | ... | ...  | ... |                             |
| Osteitis fibrosa .....                   | 1     | ...        | 1   | ...  | ... |                             |
| Exostosis.....                           | 2     | 1          | 1   | ...  | ... |                             |
| Secondary carcinoma .....                | 1     | ...        | 1   | ...  | ... |                             |
| Sarcoma .....                            | 5     | 1          | 4   | ...  | ... |                             |
| ? Sarcoma .....                          | 1     | 1          | ... | ...  | ... |                             |
| JOINTS.                                  |       |            |     |      |     |                             |
| Tuberculosis .....                       | 41    | 12         | 29  | ...  | ... |                             |
| Ankylosis .....                          | 9     | 4          | 5   | ...  | ... |                             |
| Internal derangement of knee .....       | 9     | 8          | 1   | ...  | ... |                             |
| Subluxation of patella .....             | 1     | ...        | 1   | ...  | ... |                             |
| Fibroma of synovial membrane ..          | 1     | 1          | ... | ...  | ... |                             |
| Osteo-arthritis .....                    | 1     | 1          | ... | ...  | ... |                             |
| Rheumatoid arthritis.....                | 1     | ...        | 1   | ...  | ... |                             |
| Subacute infective arthritis .....       | 7     | 4          | 3   | ...  | ... |                             |
| BURSÆ AND TENDON SHEATHS.                |       |            |     |      |     |                             |
| Bursæ—                                   |       |            |     |      |     |                             |
| Suppurative bursitis .....               | 1     | ...        | 1   | ...  | ... |                             |
| Tuberculosis .....                       | 1     | ...        | 1   | ...  | ... |                             |
| Chronic bursitis .....                   | 4     | 3          | 1   | ...  | ... |                             |



| DISEASES                            | Total | Discharged |     | Died |     | Reference<br>to<br>Appendix |
|-------------------------------------|-------|------------|-----|------|-----|-----------------------------|
|                                     |       | M.         | F.  | M.   | F.  |                             |
|                                     |       |            |     |      |     | Page                        |
| MUSCLES AND FASCIÆ.                 |       |            |     |      |     |                             |
| Hypertrophy of muscle.....          | 1     | 1          | ... | ...  | ... |                             |
| Chronic suppuration in muscle ..... | 1     | ...        | ... | 1    | ... |                             |
| Sarcoma of muscle.....              | 2     | ...        | 2   | ...  | ... |                             |
| Ganglion.....                       | 1     | 1          | ... | ...  | ... |                             |
| SKIN AND SUBCUTANEOUS TISSUES.      |       |            |     |      |     |                             |
| Sinus .....                         | 7     | 4          | 3   | ...  | ... |                             |
| Cellulitis .....                    | 4     | 3          | 1   | ...  | ... |                             |
| Subcutaneous abscess .....          | 5     | 3          | 2   | ...  | ... |                             |
| Popliteal abscess ..                | 1     | 1          | ... | ...  | ... |                             |
| Varicose ulcer.....                 | 1     | ...        | 1   | ...  | ... |                             |
| Herpes of face .....                | 1     | ...        | 1   | ...  | ... |                             |
| Lipoma .....                        | 2     | 1          | 1   | ...  | ... |                             |
| Thickened scar after burn ..        | 1     | 1          | ... | ...  | ... |                             |
| Actinomycosis of face .....         | 2     | ...        | 2   | ...  | ... |                             |
| Rodent ulcer .....                  | 4     | 3          | 1   | ...  | ... |                             |
| Lupus .....                         | 1     | ...        | 1   | ...  | ... |                             |
| Lupus-carcinoma .....               | 1     | ...        | 1   | ...  | ... |                             |
| Epithelioma of face .....           | 1     | 1          | ... | ...  | ... |                             |
| Sarcoma .....                       | 2     | ...        | 2   | ...  | ... |                             |
| INJURIES.                           |       |            |     |      |     |                             |
| Burns .....                         | 3     | 1          | 1   | ...  | 1   |                             |
| Wounds .....                        | 5     | 3          | 1   | 1    | ... |                             |
| Foreign bodies .....                | 3     | ...        | 3   | ...  | ... |                             |
| Stab-wound .....                    | 1     | 1          | ... | ...  | ... |                             |
| Whitlow .....                       | 8     | 5          | 3   | ...  | ... |                             |
| Traumatic asphyxia .....            | 1     | 1          | ... | ...  | ... |                             |
| Ruptured muscle .....               | 1     | 1          | ... | ...  | ... |                             |
| Laceration of rectum .....          | 1     | 1          | ... | ...  | ... |                             |
| Ruptured liver .....                | 1     | ...        | ... | 1    | ... |                             |
| „ small intestine .....             | 1     | ...        | ... | 1    | ... |                             |
| Bruised urethra .....               | 2     | 2          | ... | ...  | ... |                             |
| Crushed limbs ..                    | 4     | 2          | 2   | ...  | ... |                             |
| Sprains .....                       | 2     | 2          | ... | ...  | ... |                             |
| Dislocations .....                  | 3     | 1          | 2   | ...  | ... |                             |
| Fractures—                          |       |            |     |      |     |                             |
| Radius.....                         | 2     | 2          | ... | ...  | ... |                             |
| Olecranon .....                     | 4     | 1          | 3   | ...  | ... |                             |
| Humerus.....                        | 7     | 7          | ... | ...  | ... |                             |
| Ribs.....                           | 4     | 2          | 2   | ...  | ... |                             |
| Tibia .....                         | 1     | 1          | ... | ...  | ... |                             |
| Tibia and fibula .....              | 8     | 3          | 5   | ...  | ... |                             |
| Patella.....                        | 2     | 2          | ... | ...  | ... |                             |
| Femur.....                          | 7     | 4          | 3   | ...  | ... |                             |
| Pelvis .....                        | 2     | 2          | ... | ...  | ... |                             |
| Compound fractures—                 |       |            |     |      |     |                             |
| Tibia .....                         | 2     | 2          | ... | ...  | ... |                             |
| Skull .....                         | 13    | 9          | 2   | 2    | ... |                             |
| Spine .....                         | 2     | 2          | ... | ...  | ... |                             |
| Malunited fractures .....           | 3     | 3          | ... | ...  | ... |                             |
| Ununited fractures .....            | 8     | 6          | 2   | ...  | ... |                             |

## APPENDIX.

*[The letter with each number is the initial of the Surgeon, in whose Case Book the complete record of the case will be found. The number is the registered Hospital number. In each Case Book the records will be found indexed under Name, Disease or Injury, and Hospital Number.]*

## MALFORMATIONS.

## CLEFT PALATE.

- T. 2067. Aged 15. Previous operation on lip. Uranoplasty.  
 W. 148. Aged 2 months. Uranoplasty.  
 W. 2284. Aged 1 year 8 months. Uranoplasty.  
 W. 803. Aged 3. Previous operation on lip. Uranoplasty.  
 W. 4854. Aged 4. Previous operations on lip and palate.  
 Repair of residual cleft.  
 W. 429. Aged 8. Uranoplasty.

## HARE-LIP.

- W. 2720. Aged 8 months. Also had cleft palate. Operation on lip.

## CONGENITAL TORTICOLLIS.

- T. 4308. Aged 12. Tenotomy of sterno-mastoid.  
 W. 4331. Aged 9. Tenotomy of sterno-mastoid.

## CONGENITAL TALIPES EQUINOVARUS.

- W. 2543. Aged 2 years 9 months. Wrenching and plaster.  
 W. 1703. Aged 10. Astragalectomy.  
 W. 4232. Aged 3. Wrenching and plaster.  
 W. 4181. Aged 1 year 6 months. Also had absence of both patellæ. Splinted.

## UNDESCENDED TESTIS.

- J. 4078. Aged 22. Left side. Unsound mentally. No operation.  
 J. 4180. Aged 19. Bilateral. Both testes returned to abdomen. Bassini operation on both herniæ.  
 T. 135. Aged 38. Left side. Testis removed. Bassini operation on hernia.  
 T. 2220. Aged 19. Left side. Testis removed. Bassini operation on hernia.  
 T. 2589. Aged 37. Left side. Testis removed. Bassini operation on hernia.



D. 694. Aged 14. Left side. Testis removed. Bassini operation on hernia.

D. 1294. Aged 22. Left side. Testis removed. Bassini operation on hernia.

W. 2054. Aged 15. Left side. Also had tonsillitis. No operation.

#### RADIO-ULNAR SYNOSTOSIS.

W. 769. Aged 10. Unilateral. Fusion of upper portions of radius and ulna. False joint made in shaft of radius just below synostosis.

#### ? CERVICAL RIB.

T. 399. Division of accessory band of insertion of scalenus medius into first rib, causing symptoms of cervical rib.

#### CONGENITAL STENOSIS OF COLON.

W. 3603. Aged 12 days. Cæcostomy for obstruction. Death *Post-mortem* 163. Stenosis of descending and sigmoid colon, commencing abruptly at splenic flexure.

#### CONGENITAL DISLOCATION OF HIP.

W. 1089. Aged 4. Right side. Previously reduced. Plaster renewed.

W. 1773. Previous case. Plaster discarded.

W. 2665. Aged 5. Bilateral. Reduced by Lorenz's method.

W. 3877. Previous case. Plaster renewed.

W. 614. Aged 4. Left side. Previously reduced. Plaster renewed.

W. 2196. Aged 2 years 4 months. Left side. Reduced by Lorenz's method.

W. 4304. Aged 6. Bilateral. Reduction failed. Plastered in abducted position.

W. 1303. Previous case. Reduction again failed. Plastered in abducted position.

W. 2579. Previous case. Reduced by Lorenz's method.

#### THYRO-GLOSSAL CYST.

J. 4021. Excised.

J. 4388. Fistula. Excised, after division of hyoid.

T. 1105. Excised.

W. 755. Fistula. Excised.

W. 2890. Excised.

#### BRANCHIAL CYST.

J. 3589. Aged 17. Excised.

J. 4633. Aged 28. Excised.

W. 2563. Aged 30. Excised.

W. 3804. Aged 33. Excised.

W. 4477. Aged 29. Excised.

W. 1406. Aged 30. Had suppurated and been drained previously. Excised.

## PHARYNGEAL POUCH.

T. 4543. Aged 49. Dysphagia for twenty years. Gastrostomy performed elsewhere. Pouch excised.

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**DEFORMITIES FROM INJURY OR DISEASE.**

## DUPUYTREN'S CONTRACTION.

D. 2812. Indurated tissue excised.

W. 3063. Indurated tissue excised.

## INGROWING TOE-NAIL.

D. 1002. Nail removed and bed scraped.

## HAMMER-TOE.

J. 2729. Head of phalanx excised.

J. 1521. Toe removed.

## HALLUX VALGUS.

T. 875. Bilateral. Osteotomy of metatarsals.

T. 875. Bilateral. Osteotomy of metatarsals.

W. 1511. Suppurating bursa. Drained.

## GENA VALGUM.

J. 149. Aged 41. Unilateral. Osteotomy.

J. 1420. Previous case. Malunion. Cuneiform. Osteotomy.

J. 2786. Bilateral. Plastered.

## KYPHOSIS.

W. 2901. Postural.

## SCOLIOSIS.

W. 3862. Ricketty. Jacket applied.

W. 3782. Ricketty. Jacket applied.

## TALIPES EQUINOVARUS FOLLOWING ANTERIOR POLIOMYELITIS.

T. 3655. Lengthening of tendo achillis and tibialis posticus.

W. 341. Tenotomy of tendo achillis.

W. 2854. Tenotomy of tendo achillis.

W. 2011. Tenotomy of tendo achillis.

## DEFORMITY OF FINGERS AFTER INJURY.

J. 4410. Extensor tendon freed from scar.

T. 3100. Scar tissue excised and raw surface grafted from abdominal wall.

## CONTRACTION OF KNEES.

T. 4684. Following pressure on spinal cord by neurofibromata. Tenotomy of hamstrings.

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## DISEASES OF THE NERVOUS SYSTEM.

### EPILEPSY.

T. 1292. Fits since childhood, starting in one leg and arm. No injury. Exploration showed only slight thickening of dura.

T. 3964. Fits since infancy, starting on one side of body. No injury. Exploration. *Nil* found.

D. 452. Fits following injury to head three years previously. Definite aura. Exploration. *Nil* found.

### ? CHRONIC MENINGITIS.

T. 601. Previously explored for fits on left side. Recurrence of fits and development of right hemiplegia. Exploration on left side. *Nil* found.

### SPASTIC PARAPLEGIA.

T. 3478. Aged 10. Some posterior roots divided at previous operation. Second operation with division of fifth lumbar and first sacral posterior roots on both sides. Considerable improvement.

W. 1306. Aged 12. Previous operation elsewhere for division of posterior roots. Marked spasticity and contractures of lower limbs. No further operation.

### TRIGEMINAL NEURALGIA.

J. 385. Second division. Alcohol injections. Relieved.

T. 2996. Third division. Alcohol injection into foramen ovale. Relieved.

T. 2064. Second and third divisions. Previously treated by alcohol injections. Fifth root divided on central side of Gasserian ganglion. Relieved.

T. 143. All three divisions. Previously treated by alcohol injections and avulsion of supra- and infra-orbital nerves. Intradural division of fifth nerve performed. Nerve divided close to pons. Complete relief of symptoms.

### CEREBELLAR CYST.

T. 3800. Optic atrophy. Almost total blindness, hystagmus, weakness of right side of body, vomiting, headache, ataxy, and falling to right side. Two-stage operation. Large cyst evacuated on right side of cerebellum and portion of wall removed. Death later. *Post-mortem* 210. Cyst completely collapsed.

### ? CEREBELLAR CYST.

D. 333. No symptoms while in hospital.

### CEREBRAL TUMOUR.

T. 1935. Headache, vomiting, optic neuritis. No fits. Nystagmus, unsteady gait. Temporal decompression. High tension and internal hydrocephalus. Relieved by insertion of sinus forceps into lateral ventricle.

## SARCOMA OF DURA MATER.

J. 2000. Five years' history of trigeminal neuralgia. First and second divisions. No other signs or symptoms. Exploration showed a large malignant tumour in region of Gasserian ganglion, apparently originating in dura.

## TUMOURS OF NERVES.

J. 4180. Aged 12. Large neurofibroma of great occipital trunk with multiple tumours on the smaller branches. Tumour and smaller nodules excised. The main mass appeared to extend into spinal canal and was cut across at this spot.

W. 1842. Chondro-sarcoma of muscular branch of musculo-spiral. Tumour excised and the cut ends of nerve sutured.

## PAIN FOLLOWING NERVE INJURIES.

J. 1496. Amputation stump. Reamputated.

T. 2181. Following operation on foot. Bulbous end of external saphenous excised.

T. 1974. Amputation stump. Bulbous end of radial excised.

T. 970. Following crushed finger. Intradural division of posterior roots.

T. 2655. Previous case readmitted with recent fracture of phalanx.

## INJURIES TO NERVES.

J. 4006. Contusion of brachial plexus with fractured clavicle.

T. 2132. Secondary suture of ulnar nerve.

T. 1382. Secondary suture of ulnar nerve.

D. 1238. Injury to ulnar, with dislocation of elbow and fracture of internal condyle, reduced seven weeks previously. Neurolysis.

W. 3874. Fractured humerus plated elsewhere six months previously, followed by musculo-spiral palsy. Nerve found crushed beneath plate. Musculo-spiral grafted into median above and below injury.

W. 4572. Cut above elbow with complete division of musculo-spiral. Secondary suture.

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DISEASES OF THE NOSE.

## CARCINOMA OF MAXILLARY ANTRUM.

J. 2002. Excision of upper jaw.

## EPITHELIOMA OF NOSE.

T. 3657. Removal of growth which had completely replaced the external nose.

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## DISEASES OF THE RESPIRATORY SYSTEM.

## CARCINOMA OF LARYNX.

T. 4227. Inoperable. Tracheotomy.

## ? TUBERCULOUS LARYNGITIS.

W. 3583.

## SYPHILITIC LARYNGITIS.

J. 1333. Tracheotomy.

## BRONCHITIS.

T. 2521.

D. 439.

## BRONCHIECTASIS.

D. 4000. Old case of rib mobilization.

D. 147. Previous case readmitted.

## TUBERCULOSIS OF THE LUNG.

T. 1078.

D. 335. Unilateral. Artificial pneumothorax.

D. 355. Unilateral. Unsuccessful attempt to produce pneumothorax.

D. 4314. Unilateral. Artificial pneumothorax.

W. 3678. Old artificial pneumothorax. Admitted for rib mobilization. Refused operation.

W. 4570. Extensive bilateral disease.

W. 2087. Unilateral. Artificial pneumothorax.

## EMPHYEMA.

J. 65. Operation.

J. 3102. Operation. Streptothrix present in pus. Chest wall became infiltrated. Death. *Post-mortem* 147.

T. 4488. Old empyema with sinus following phthisis and spontaneous pneumothorax. Thoraco-plastic operation. Death. *No post-mortem*.

D. 627. Old empyema with sinus. Thoraco-plastic operation. Gauze drain found in cavity. Recovery.

D. 4150. Old empyema with sinus. Thoraco-plastic operation. Recovery.

D. 3544. Phthisis with pleural effusion, repeatedly aspirated, finally fibrinous material evacuated by open operation.

D. 1496. Old empyema with sinus, also abscess of lung. Wilm's rib resection performed with improvement. Died after discharge from hæmorrhage from sinus.

D. 4636. Chronic streptothrix empyema. Purulent infiltration of perinephric tissues with sinuses. Previous operation for appendix abscess. Death. *Post-mortem* 211.

W. 1297. Old empyema with sinus. Thoraco-plastic operation. Recovery.

W. 192. Empyema opened elsewhere through intercostal space. Rib resected, but discharge persisted. Subsequent thoraco-plastic operation.

EMPHYEMA (*continued*).

- W. 2937. Operation.  
 W. 2203. Old empyema with sinus. Thoraco-plastic operation.  
 Recovery.  
 W. 1949. Operation.  
 W. 4648. Operation.  
 W. 1655. Old empyema with sinus. No operation owing to whooping-cough.  
 W. 1565. Empyema with osteomyelitis of rib. Drainage.  
 Death. *Post-mortem* 96.
- 

## DISEASES OF THE THYROID GLAND.

## ADENOMA.

*Enucleation.*

- J. 1776, 1003, 337.  
 T. 1662, 1402, 1587, 3060, 4158, 2455, 4264.  
 D. 901.  
 W. 4419, 2807.  
*No operation.*  
 T. 298. Had nephritis.

## COLLOID GOITRE.

*Partial thyroidectomy.*

- J. 4579, 3640, 1937, 4116.  
 T. 2464, 83, 608, 1800, 2066, 4164, 4351, 4534.  
 W. 4523, 696.

## EXOPHTHALMIC GOITRE.

*Partial thyroidectomy.*

- T. 642, 1067, 1102, 1827, 3395, 3785, 2586, 3812.  
 T. 828. Recurrence of symptoms after partial thyroidectomy.  
 Further portion of gland removed.  
 D. 3230. Previously treated by X-rays.  
 W. 1347, 4217.
- 

## DISEASES OF THE CIRCULATORY SYSTEM.

## VARICOSE VEINS.

*Operation.*

- J. 116, 202, 1723, 1249, 1851, 1863, 2737, 3009, 2979, 4208.  
 T. 1708, 2935, 2626, 4082.  
 D. 4161, 863, 530, 527, 31, 1505.  
 W. 2859, 1670, 3400, 862.



## DIABETIC GANGRENE.

J. 2217. Dry gangrene. Supra-condylar amputation. Developed gangrene in other foot, but refused further treatment at present.

T. 1675. Dry gangrene. Supra-condylar amputation.

W. 2976. Dry gangrene. Supra-condylar amputation. Coma. Death. *Post-mortem* 145.

## SENILE GANGRENE.

J. 1251. Aged 61. Amputation through lower third of thigh. Early gangrene of other foot, but refused further treatment.

T. 2172. Aged 66. Supra-condylar amputation.

## GANGRENE DUE TO ENDARTERITIS OBLITERANS.

J. 3853. Aged 37. Negative Wassermann. Supra-condylar amputation.

## ANEURISM.

T. 1165. Traumatic aneurism of subclavian. Refused operation.

T. 1177. Aged 90. Amputation through middle of thigh for gangrene with an unruptured popliteal aneurism. Developed gangrene of other foot. Death. *Post-mortem* 71.

D. 668. Cirroid aneurism of scalp. Previously operated upon. No further operation.

## NÆVUS.

D. 1064. Angioma of cheek. Excised.

## ELEPHANTIASIS.

W. 2288. Of one lower limb, with nævoid anus. Amputation through middle of thigh.

## ACUTE ENDOCARDITIS.

T. 1489. Died with general peritonitis. *Post-mortem* 89. No lesion of abdominal viscera.

## DISEASES OF THE LYMPHATIC SYSTEM.

## SYPHILITIC GLANDS OF NECK.

J. 968.

J. 3670. Previous case readmitted.

## LYMPHADENOMA.

T. 3832.

## SARCOMA OF AXILLARY GLANDS.

J. 1300. Recurrent case. Main mass removed. Radium treatment to mass in groin and chest wall.

D. 1551. Glands in axillæ, groins and neck. Exploratory operation.

## MALIGNANT GLANDS OF NECK.

J. 1706. Primary tongue. Recurrent glands removed.

J. 4722. Primary tongue. Recurrent glands removed.

J. 3309. Primary cheek. Neck cleared.

J. 2610. Primary tongue. Neck cleared.

J. 1693. Primary carcinoma of upper jaw. Recurrent growth treated with radium. Recurrent glands removed.

T. 1987. Primary growth in palate. Neck cleared.

T. 3155. Primary lip. Neck cleared.

W. 2463. Mass of squamous carcinoma on right side. No primary growth discovered. Neck cleared.

W. 1713. Mass of spheroidal-cell carcinoma on right side. No primary growth discovered. Explored.

## MALIGNANT INGUINAL GLANDS.

J. 1207. Iliac glands involved after orchiectomy for malignant growth of testis. Treated by Coley's fluid without improvement.

## SUPPURATIVE ADENITIS OF NECK.

T. 43, 1163, 2045, 1837.

D. 361.

## SUPPURATIVE ADENITIS OF GROIN.

W. 3892.

## CHRONIC ADENITIS OF NECK.

J. 4596. Excised.

J. 2369. Excised.

W. 1483. Tonsils removed.

W. 146. No operation.

## TUBERCULOUS MEDIASTINAL GLAND.

W. 1506. External abscess curetted.

## TUBERCULOUS MESENTERIC GLANDS.

T. 86. Operation for abdominal pain. Adhesions and caseous glands present.

## TUBERCULOUS INGUINAL GLANDS.

J. 1719. Abscess curetted. Calcareous nodule in cavity.

W. 4724. No operation.



## TUBERCULOUS AXILLARY GLANDS.

- T. 398. Abscess curetted.  
 D. 1100, 1097. Glands excised.  
 W. 625, 1296. Glands excised.

## TUBERCULOUS GLANDS OF NECK.

*Excision of glands.*

- J. 3095, 2734, 2714, 2086, 87, 2451, 1540, 1340.  
 T. 319, 3334, 3144, 1569, 1992, 1591.  
 D. 1079, 435.  
 W. 1485, 1647, 1817, 2185, 3142, 1484, 2675, 3656, 2170, 2434, 4228, 2024, 1450, 1861, 1772, 1825, 1923, 456, 672, 684, 754, 245, 244, 2096, 4217.

*Curetted.*

- J. 150, 51, 682, 893, 1041, 4853, 2608, 3631, 3913, 3299.  
 T. 1196, 4862, 2219.  
 W. 3064, 2993, 551, 2718, 2580, 2001, 2439, 1642, 2245, 1947, 1262, 610, 874, 4273.

*No operation.*

- J. 4040. Also had phthisis.  
 D. 4276. Also had phthisis.  
 W. 3333. Also had glands in axillæ and abdomen.

## DISEASES OF THE MOUTH AND SALIVARY GLANDS.

## ALVEOLAR ABSCESS.

- T. 1257.

## MAL-ERUPTED MOLAR TOOTH.

- T. 4320.

## ACUTE SUPPURATIVE GLOSSITIS.

- W. 3596. Abscess following injury by fish bone.

## CHRONIC SUPERFICIAL GLOSSITIS.

- J. 1661.

## TUBERCULOSIS OF TONGUE.

- J. 2078. Aged 60. With phthisis. Small nodule excised.

## PAPILLOMA OF TONGUE.

- W. 3022. Teeth extracted.  
 W. 3308. Previous case readmitted. Growth excised.

## MUCOUS CYST OF TONGUE.

- J. 4014.

## RANULA.

J. 2651.  
W. 4.

## FIBROUS EPULIS.

J. 683.  
T. 4451.  
W. 2452.

## MYELOID EPULIS.

T. 1327.  
W. 2193.

## EPITHELIOMA OF LIP.

J. 3305. Excised. Gland operation on same side.  
T. 3656. Excised. No gland operation during this admission.  
T. 374. Excised. No gland operation during this admission.  
T. 375. Recurrent growth excised. No gland operation.  
T. 996. Excised. No gland operation during this admission.  
T. 3490. Recurrent growth excised. Gland operation on same side.  
W. 2450. Refused operation.

## EPITHELIOMA OF CHEEK.

W. 4348. Recurrence twelve months after removal of growth from lip. Extensive involvement of lower jaw with growth. Growth removed with portion of jaw. To return for gland operation.

## EPITHELIOMA OF FLOOR OF MOUTH.

W. 2925. Growth in region of frænum removed with adjoining part of tongue without splitting lip or jaw. Bilateral gland operation.

## EPITHELIOMA OF TONGUE.

J. 4093. Cheek split. Removal of anterior two-thirds of tongue. Gland operation on same side.  
J. 1816. Growth removed by buccal route. Bilateral gland operation.  
T. 1628. Complete removal of tongue down to hyoid after splitting jaw. Bilateral gland operation.  
T. 2738. Cheek split. Growth excised. Bilateral gland operation.  
T. 1694. Cheek split. Growth excised. Bilateral gland operation.  
T. 4230. Inoperable. Admitted with hæmorrhage from growth.

## EPITHELIOMA OF GUM.

T. 495. Involving palate. Jaw divided and growth removed. To return for gland operation.  
W. 1813. Refused operation.

## ENDOTHELIOMA OF GUM.

T. 3057. Previously treated with radium. Gland operation on same side. Growth in glands. Primary growth removed after division of jaw.



## EPITHELIOMA OF PALATE.

T. 1717. Inoperable.

## SYPHILITIC ULCERATION OF PALATE.

T. 3989.

## SALIVARY CALCULI.

T. 1128. Recurrent calculi in Wharton's duct. Calculi removed through mouth and submaxillary gland excised.

D. 550. Calculi in Wharton's duct removed through mouth by opening duct.

## MALIGNANT TUMOUR OF PAROTID.

W. 1841. Removal of whole parotid for carcinoma.

## ? TUBERCULOUS DISEASE OF PAROTID.

T. 4487. Bilateral. Cured.

## CHRONIC TONSILLITIS.

W. 4621. Tonsils removed.

**DISEASES OF THE PHARYNX AND ŒSOPHAGUS.**

## CARCINOMA OF PHARYNX.

T. 1631. Inoperable.

T. 3604. Gland operation attempted, but found inoperable.

## CARCINOMA OF ŒSOPHAGUS.

J. 2581. No operation.

J. 1095. Gastrostomy.

T. 344. No operation.

T. 2269. No operation.

T. 3343. No operation.

T. 1497. No operation.

**DISEASES OF THE STOMACH.**

## DYSPEPSIA.

T. 4164.

## PERIGASTRIC ADHESIONS.

J. 1982. Band passing from stomach to scar of former operation. Band divided.

## ? GASTRIC ULCER.

J. 1399. Laparotomy. *Nil* found.

J. 4009, 3896. No operation.

## CHRONIC GASTRIC ULCER AT PYLORUS.

- J. 2013, 1152, 687, 321, 4266. Gastro-enterostomy.  
 T. 2240. Gastro-enterostomy.

## PYLORIC OBSTRUCTION FROM SCAR FOLLOWING ULCER.

- J. 2905. Gastro-enterostomy.  
 T. 2101. Gastro-enterostomy.  
 W. 3228. Gastro-enterostomy.

## OPERATION FOR ACUTE HÆMATEMESIS.

- J. 373. Not very severe. Chronic ulcer on small curvature. Gastro-enterostomy. Bleeding continued. Death. *Post-mortem* 35.  
 W. 1614. Not very severe. Chronic ulcer towards pylorus. Gastro-enterostomy.

## PERFORATED GASTRIC ULCER.

- J. 1392. Eighteen hours' duration. Perforation close to upper end of greater curvature closed. Drained down to stomach.  
 J. 3424. Thirty-six hours' duration. Perforation on lesser curvature two inches from pylorus closed. Drained down to stomach.  
 J. 2433. Localized left subphrenic abscess drained. Chronic gastric history. Developed left empyema, drained. Death. No *post-mortem*.  
 J. 1559. Several operations for abscess in left chest wall. Developed thrombosis of iliac and subclavian veins and inferior cava. Death. *Post-mortem* 116. Chronic left subphrenic abscess with adherent lung. Perforated ulcer in left portion of stomach.  
 T. 4942. Twenty-two hours' duration. Abdomen full of pus and gas. Perforation on lesser curvature half-way between pylorus and cardia closed. Drainage to stomach, both loins, and pelvis. Death. *Post-mortem* 206.  
 W. 3586. Five hours' duration. Perforation close to pylorus closed. Gastro-enterostomy. Pelvis drained.  
 W. 2523. Twenty-four hours' duration. Localized abscess in pelvis drained. Perforation had been closed by adhesions; ulcer not looked for. Developed left subphrenic abscess, drained. Repeated hæmorrhages from stomach. Death. *Post-mortem* 138. Chronic ulcer at fundus with eroded artery on floor. No sign of the perforation.

## INTERNAL FISTULA AFTER GASTRO-ENTEROSTOMY.

- J. 1141. Fæcal vomiting. Laparotomy. *Nil* found. Death. *Post-mortem* 64. Peptic jejunal ulcer perforated into transverse colon, fistula of long standing. Puckered scar at pylorus. Gastro-enterostomy had been performed in June, 1914, for pyloric stenosis.

## CARCINOMA.

- J. 2973. Gastro-enterostomy, followed nineteen days later by partial gastrectomy under intravenous alcohol. Case never came round from anæsthetic. *Post-mortem* 151.  
 J. 309. Explored. Inoperable growth of body.  
 J. 690. Explored. Inoperable growth of pylorus. Gastro-enterostomy.



CARCINOMA (*continued*).

- J. 4185. Explored. Inoperable growth of body.  
 J. 470. Explored. Inoperable growth of pylorus. Gastro-enterostomy.  
 J. 1820. Inoperable. Not explored.  
 J. 1239. Explored. Inoperable growth at pylorus with large secondary deposits.  
 J. 1342. Explored. Inoperable growth at pylorus with large secondary deposits. Death. No *post-mortem*.  
 J. 3205. Explored. Inoperable growth of body and cardia.  
 J. 3590. Explored. Inoperable growth of body.  
 J. 3837. Inoperable. Not explored.  
 J. 2789. Explored. Inoperable.  
 T. 2006. Explored. Inoperable growth at cardiac and lower portion of œsophagus. Gastrostomy.  
 J. 4315. Explored. Inoperable growth of body. Death. *Post-mortem* 204.  
 T. 2006. Explored. Inoperable growth at cardia and lower portion of œsophagus. Gastrostomy. Death. *Post-mortem* 129. General peritonitis from perforation close to growth.  
 T. 1803. Inoperable. Not explored.  
 T. 1098. Inoperable. Not explored. Death. *Post-mortem* 73.  
 W. 3213. Inoperable. Not explored.
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## DISEASES OF THE DUODENUM.

## DUODENAL ULCER.

- J. 4154. Gastro-enterostomy.  
 T. 247. No operation.  
 D. 979. No operation.

## PERFORATED DUODENAL ULCER.

- J. 1884. Twenty-four hours' duration. Perforation closed. Gastro-enterostomy. No drainage. Death on seventh day. *Post-mortem* 111. Bilateral empyema.  
 D. 1133. Eight hours' duration. Perforation closed. Gastro-enterostomy. No drainage.  
 W. 2900. Fourteen hours' duration. Perforation closed. Gastro-enterostomy. No drainage.
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## DISEASES OF THE INTESTINES.

## ABDOMINAL PAIN.

- J. 4812. No operation.  
 J. 4015. Explored. *Nil* found.  
 T. 4484, 1288. No operation.  
 W. 1582. Explored. *Nil* found.  
 W. 3459, 1768. No operation.

## CONSTIPATION.

- J. 830, 1040, 4491.  
T. 269, 4069.

## FÆCAL FISTULA.

- J. 3056. Temporary colostomy closed.  
W. 2888. Following operation elsewhere for pyosalpinx. Fistula closed.  
W. 1254. Following appendix abscess. Fistula closed.  
W. 3830. Following operation elsewhere for pyosalpinx. Track led down into upper rectum, and was laid open and drained. Fistula healed.

## TUBERCULOUS ENTERITIS.

- J. 623. Previously explored. Death. *Post-mortem* 107.

## INCOMPLETE INTESTINAL OBSTRUCTION.

- J. 2886. Previous operation for volvulus of cæcum and appendicectomy. Chronic obstruction. Band found running across base of cæcum and ascending colon. It was divided.  
J. 1873. Aged 62. Exploration showed dilated pelvic colon and adhesions in pelvis. Distended pelvic colon resected and anastomosis, followed by acute obstruction necessitating transverse colostomy, which was closed at a later admission. Death early in 1917. Tubercular peritonitis and tubercular meningitis.  
D. 4262. Old case of tuberculous peritonitis. Laparotomy showed general adhesions and no localized obstruction.

## INTUSSUSCEPTION.

- J. 78. Four days' duration. Gangrenous enteric intussusception. Bowel drained. Death. *Post-mortem* 7.  
W. 376. Twenty-four hours' duration. Spontaneously reduced when laparotomy performed under stovaine. Died on table. *Post-mortem* 24.

## ACUTE OBSTRUCTION DUE TO BAND.

- W. 3404. Band in connection with chronic pelvic peritonitis. Band divided.

## CARCINOMA OF COLON.

- J. 575. Acute obstruction. Inoperable growth at hepatic flexure. Cæcostomy. Death. No *post-mortem*.  
J. 576. Chronic obstruction. Inoperable growth of cæcum and mass in liver. Growth later ulcerated through wound. Death. No *post-mortem*.  
J. 1419. Growth of transverse colon with early invasion of stomach. Resection of growth with involved part of stomach. Ileo-sigmoidostomy. Death. *Post-mortem* 98.  
J. 2522. Acute obstruction. Growth in pelvic colon. Sigmoid colostomy with subsequent removal of growth, including the colostomy and anastomosis. Good recovery.



CARCINOMA OF COLON (*continued*).

J. 723. Previous resection of growth in pelvic colon five years ago. Recurrence of symptoms, probably recurrence in small intestine. No operation.

T. 4034. Acute obstruction. Inoperable growth of lower pelvic colon. Colostomy.

T. 4427. Growth of cæcum. Resected. Ileo-colostomy. Good recovery.

T. 3607. Acute obstruction. Inoperable growth of pelvic colon. Colostomy.

T. 2557. Inoperable growth of lower pelvic colon. Colostomy.

T. 292. Growth in pelvic colon, with masses of colloid growth in omentum. *Nil* further done.

T. 3721. Recurrence at colostomy three years after removal of growth of pelvic colon with permanent colostomy. Mass excised and fresh colostomy made.

W. 4819. Laparotomy for general peritonitis. Death. *Post-mortem* 200. Perforated carcinomatous ulcer of pelvic colon.

W. 613. Growth of descending colon excised. Lateral anastomosis between transverse and pelvic colon. Good recovery.

W. 1814. Subacute obstruction. Cæcostomy, with subsequent removal of growth in pelvic colon and lateral anastomosis between transverse and lower pelvic colon. Good recovery.

W. 2459. Acute obstruction. Cæcostomy, with subsequent removal of growth in lower pelvic colon and end-to-end union of upper rectum and lower descending colon, the suture line being invaginated by drawing on tube fixed into upper portion and brought out through anus. Good recovery.

W. 3352. Growth of lower descending and upper pelvic colon adherent to mesentery of small intestine. Mass removed with, in addition, about 1 ft. of ileum whose mesentery was involved. Small bowel anastomosed. Permanent colostomy in region of splenic flexure. Good recovery.

## DISEASES OF THE APPENDIX.

## APPENDIX REMOVED DURING QUIESCENT PERIOD.

J. 2629, 2518, 2410, 2177, 1159, 4176, 14, 26, 188, 4167, 3554, 2982, 2824.

T. 1358, 894, 759, 1083, 139, 60, 4259, 196, 4317, 4029, 3019, 967.

D. 454.

W. 1344, 856, 4322, 4794, 3017, 3531, 3421, 2822, 3602.

## ? APPENDICITIS.

*Appendix removed.*

J. 1763, 1853, 2366, 4140, 4155, 3424.

T. 3008.

W. 1777, 2967, 3910.

*No operation.*

J. 2898, 857.

? APPENDICITIS (*continued*).*Laparotomy.*

J. 1559.  
W. 2137.

## APPENDIX REMOVED AFTER HEALING OF ABSCESS.

J. 368, 436.  
W. 891, 3307, 4384.

## ACUTE APPENDICITIS.

I. *Operation. No drainage.*

J. 1039. Suppuration in abdominal wall.  
J. 1555, 1341, 2831, 391, 440, 300.  
T. 4033. Suppuration in abdominal wall.  
T. 1052, 756, 710, 998, 1717, 3716, 1552, 2668, 3876, 4333, 905.  
D. 1139, 367, 4245, 393.  
W. 2204. Suppuration in abdominal wall.  
W. 2209. Suppuration in abdominal wall.  
W. 182, 2312, 2295, 2906, 1672, 3713, 1549, 1594.

II. *Operation. Drainage.*

J. 4726, 2513, 443. Peritoneum drained.  
T. 4641. Peritoneum drained.  
W. 3894, 4229. Peritoneum drained.  
W. 3279, 4010, 2146, 2646, 3664, 1998. Abdominal wall drained.

## APPENDICITIS WITH ABSCESS.

I. *Appendix removed.*

J. 4124, 553, 546.  
J. 4450. Portion of appendix removed, the rest sloughed away later.  
T. 3745, 2223, 1831, 3729, 975, 2981, 4100, 939.  
T. 8. Appendix not removed, but sloughed away. Developed faecal fistula.  
T. 1309. Developed faecal fistula and rigors. Recovery.  
D. 1414, 4254, 118.  
W. 519, 1182, 2008, 3883, 2192, 2222, 3653, 1709, 3495, 3106, 24.  
W. 3385. Developed pelvic abscess. Drained per rectum.  
W. 4016. Developed pelvic abscess. Drained per rectum.

II. *Appendix not removed.*

J. 4173, 4145, 51, 4387, 3014.  
D. 137.  
W. 48. Developed femoral thrombosis and glycosuria. Recovery.

## APPENDICITIS WITH SPREADING PERITONITIS.

J. 1584. Appendix removed. Drainage.  
T. 1517, 4084. Appendix removed. Drainage.  
D. 4243. Appendix removed. Drainage.  
W. 4303, 4100, 3911. Appendix removed. Drainage.



## APPENDICITIS WITH GENERAL PERITONITIS.

T. 2059. Gangrenous appendix removed. Drainage.  
 D. 630. Appendix not removed. Drainage. Death. *Post-mortem* 36.

W. 884. Appendix removed. Drainage. Became very distended. Wound opened up, but *nil* found. Death nineteen days after original operation. *Post-mortem* 62. Pus in both iliac fossæ and pelvis.

W. 1893. Gangrenous appendix removed. Drainage. Developed pelvic abscess and left iliac abscess; both drained. Developed abscess above umbilicus which discharged spontaneously, and a ? subphrenic abscess which was caught up. Also had fæcal fistula. Sent home; to return for closure of fistula.

## ? APPENDIX ABSCESS.

J. 1408. Large abscess in right iliac fossa drained extraperitoneally.

## RESIDUAL ABSCESS FOLLOWING APPENDICITIS.

T. 3485. Appendicectomy during acute attack five years previously. Developed swelling in abdominal wall, which was a chronic abscess leading down to cæcum.

W. 2060. Appendix abscess drained five months previously. Appendix not removed. Developed large intraperitoneal abscess. Drained.

## TYPHLITIS. ? APPENDICITIS.

J. 4171. Inflammatory mass involving cæcum, appendix, tube and ovary. Appendix could not be found. Tube and ovary removed.

## SINUS FOLLOWING OPERATION FOR ACUTE APPENDICITIS.

J. 515. Cured.

T. 3959, 3629. Cured.

W. 4028. Laid open.

## DISEASES OF THE RECTUM AND ANUS.

## INTERNAL HÆMORRHOIDS.

*Excision.*

J. 1547, 2083.

T. 2544, 1627.

D. 996.

W. 2708, 1654, 2588, 1651.

*Ligatured.*

J. 3097, 2880.

## ? HÆMORRHOIDS.

J. 3419. No operation.

## FISTULA IN ANO.

J. 34, 729, 699, 1036, 2077, 4007.

T. 612, 3.

W. 1979.

W. 2058. Multiple fistulæ causing stricture of rectum. Fistulæ laid open and temporary colostomy performed.

## ISCHIO-RECTAL ABSCESS.

J. 4191.

## PROLAPSE OF RECTUM.

T. 2092, 293. Colopexy.

## PAPILLOMA OF RECTUM.

T. 1498, 2583. Excised.

W. 814. Excised.

## SIMPLE ULCER OF RECTUM.

J. 1664.

## CHRONIC INDURATIVE PROCTITIS.

J. 726. Old case with colostomy and incomplete obstruction from contraction of colostomy. Colostomy dilated.

## CARCINOMA OF RECTUM.

I. *Radical operation.*

J. 3671. Aged 52. Abdomino-perineal excision and permanent colostomy. Recovery.

D. 315. Aged 28. Abdomino-perineal excision and permanent colostomy. Recovery.

W. 3793. Aged 34. Resection of growth in transverse colon five years previously. Admitted with growth in rectum. Abdomino-perineal excision and permanent colostomy. Recovery.

W. 3207. Aged 52. Abdomino-perineal excision and permanent colostomy. Death. *Post-mortem* (1915) 151. Sutures sound. Abdominal wounds gangrenous.

W. 758. Aged 74. Abdomino-perineal excision and permanent colostomy. Death. *Post-mortem* 49. Abdomen *nil*. Multiple acute ulcers in stomach, causing hæmatemesis before death.

W. 897. Aged 46. Acute obstruction. Left inguinal colostomy with subsequent abdomino-perineal excision. Death. *Post-mortem* 76. Bowel perforated where it was closed at second operation just below original colostomy opening.

W. 4517. Aged 48. Abdomino-perineal excision and permanent colostomy. Death. *Post-mortem* 193. Pelvic floor had given way and small intestine had escaped. General peritonitis. Secondary growth in lungs and bronchial glands, but not in abdomen.



CARCINOMA OF RECTUM (*continued*).II. *Perineal excision.*

J. 2933. Aged 60. Excision of small growth after splitting vagina into rectum. Subsequent suture of sphincter and anal canal. Recovery.

III. *Sacral excision.*

T. 532. Aged 49. End-to-end anastomosis in sacral wound after resection of growth. Anastomosis leaked, but closed gradually.

IV. *Palliative colostomy.*

J. 3015, 1529, 1044.

T. 3396, 3058.

T. 3206. Death. *Post-mortem* 159. Perforation of colon close to colostomy.

T. 1193. Colostomy for acute obstruction. Death. *Post-mortem* 70. Bowel perforated close to growth.

W. 1449.

V. *No operation.*

J. 2039, 2644, 4261.

T. 2546.

W. 2126, 3774.

## DISEASES OF THE LIVER AND BILE PASSAGES.

## CHOLELITHIASIS.

*Operation.*I. *Stones in gall-bladder.**Chronic cholecystitis.*

J. 3912. Colic and jaundice. Bladder full of stones. Cholecystectomy.

J. 2975. Colic. Bladder full of stones. Cholecystectomy.

J. 1539. Colic and jaundice. Bladder full of stones. Cholecystectomy.

J. 656. Colic and jaundice. Bladder full of stones. Cholecystectomy.

J. 52. Colic. Stones in bladder. Cholecystectomy.

J. 1206. Colic and jaundice. Stones removed from bladder. Cholecystostomy.

T. 2049. Colic and jaundice. Stones removed from bladder. Cholecystostomy.

T. 1674. Colic and jaundice. Bladder full of stones. Cholecystectomy.

T. 579. Colic. Previous cholecystostomy for acute cholecystitis. Shrunken bladder removed containing a few stones.

T. 1761. Colic. Stones removed from bladder. Cholecystostomy.

T. 2293. Colic and jaundice. Bladder full of stones. Cholecystectomy. Cystic duct drained.

T. 3756. Operation after subsidence of acute cholecystitis. Bladder full of stones. Cholecystectomy.

W. 68. Colic. Thickened bladder full of sand and mucosa speckled with cholesterin. Cholecystectomy.

W. 3932. Colic and jaundice. Single large stone in bladder. Cholecystectomy. Cystic duct drained.

W. 4306. Colic and jaundice. Stone in bladder. Cholecystectomy.

#### ACUTE CHOLECYSTITIS.

T. 1259. Past history of colic and jaundice. Large number of stones removed from bladder. Cholecystostomy.

T. 2056. Past history of colic. Stones removed from bladder. Cholecystostomy.

#### II. *Stone in common duct.*

W. 1510. Colic and jaundice. Many stones removed from bladder. Small stone in ampulla allowing passage of bougie into duodenum. Common duct sutured. Stone left in ampulla. Cholecystostomy.

W. 1043. Colic, jaundice and rigors. Single large stone in bladder and single stone in common duct. Stone removed from common duct, which was drained. Cholecystectomy.

W. 2456. Colic and jaundice. Stones in bladder and single stone in common duct, which was removed and common duct drained. Cholecystectomy.

W. 3869. Colic, jaundice and rigors. Stones in bladder and multiple stones in common duct. Common duct drained after removal of stones. Cholecystectomy.

W. 3994. Colic, jaundice and rigors. Stone in common duct removed and duct drained. No stones in bladder, which was left.

#### ACUTE CALCULOUS CHOLECYSTITIS.

##### *No operation.*

T. 3763. Death soon after admission. Jaundice and general peritonitis. *Post-mortem* 165. Perforated gall-bladder. No calculi in bladder. Two calculi in common duct.

T. 210. Also had phthisis and mitral disease. The attack subsided spontaneously.

D. 4042. Developed thrombosis of both femoral veins. The attack subsided spontaneously.

#### ACUTE NON-CALCULOUS CHOLECYSTITIS.

T. 724. Aged 17. No previous attack. Distended bladder containing mucopus and no stones. Areas of gangrene in wall. Cholecystostomy. Recovery.

#### ? CHOLELITHIASIS.

J. 1919. Mitral disease. No operation.

J. 3899. Laparotomy. *Nil* found.

D. 1157. No operation.

W. 1442. Previous operation for gall-stones. Recurrence of pain. No further operation.



## OBSTRUCTION OF COMMON DUCT.

D. 4050. Jaundice. Previous operation elsewhere. No stone found, but calcified endothelioma in small omentum pressing on common duct. The tumour was removed.

## CARCINOMA OF GALL-BLADDER.

J. 740. Explored for stones. Inoperable carcinoma of bladder found. Death. *Post-mortem* 57. Stones in hepatic ducts and common duct. No stone in bladder. Carcinoma of gall-bladder. Fistula between gall-bladder, transverse colon, and second part of duodenum.

## ? LIVER ABSCESS.

J. 4879. Previously explored elsewhere and *nil* found. No further treatment.

## ENLARGEMENT OF LIVER.

J. 4068. Explored for mass. ? Kidney.

## CIRRHOSIS OF LIVER.

W. 312. Explored for pain.

W. 2700. Peritoneal cavity drained into thigh through crural canal by decalcified bone tube. Two weeks later omentum fixed to abdominal wall inside rectus sheath. Death from coma. *Post-mortem* 155.

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DISEASES OF THE PANCREAS.

## CARCINOMA OF PANCREAS.

J. 4382. Jaundice. Inoperable growth in head of pancreas with secondary growths in portal fissure obstructing cystic duct. *Nil* further done. Death. No *post-mortem*.

W. 401. Jaundice. Gall-bladder previously explored for calculi. Growth in head of pancreas. Posterior gastro-enterostomy. Head of pancreas and part of duodenum excised and raw surfaces united. Common duct sutured into duodenum. Developed external biliary and pancreatic fistula. Death. No *post-mortem*.

## PANCREATIC CYST.

W. 3503. Mass pushing forward the stomach and small omentum. Aspirated and drained. Finger could pass into small sac behind the cyst. Pure pancreatic juice drained for a time. Wound healed finally.

W. 4301. Previous case readmitted. Slight discharge from wound.

## ACUTE PANCREATITIS.

T. 132. Pancreas drained through peritoneal cavity. Wound subsequently enlarged and pus and sloughs of pancreas removed. Recovery.

W. 93. Much pain in left loin and abdomen. Tenderness in left loin and epigastrium. Pancreas drained through peritoneal cavity. Recovery.

W. 915. Previous case readmitted for pain and pyrexia, which subsided spontaneously.

## DISEASES OF THE PERITONEUM.

## TUBERCULOUS PERITONITIS.

J. 678. Much fluid and miliary tubercles. Appendix removed. Wound broke down. Developed faecal fistula.

J. 623. Multiple ulcers of small intestine causing strictures of bowel. Miliary tubercles.

J. 1934. Much fluid, miliary tubercles and enlargement of glands.

D. 3885. Much fluid evacuated and oxygen blown through peritoneal cavity.

D. 1696. Previous operation for tuberculous peritonitis. Wound broken down.

## PNEUMOCOCCAL PERITONITIS.

W. 4898. Aged 6 years 11 months. General peritonitis. Drained. Death. *Post-mortem* 202. Small empyema.

## STREPTOCOCCAL PERITONITIS.

J. 2899. Aged 9 years 9 months. General peritonitis. No source of infection found in abdomen. Drained. Death. No *post-mortem*.

## HERNIA.

## INGUINAL.

*I. Bassini operation.*

J. 4262, 3710, 3881, 2982, 2709, 2710, 2800, 1838, 2082, 2081, 2080, 2247, 2227, 2367, 1681, 644, 747, 909, 70, 249.

T. 4485, 2802, 3148, 1567, 1398, 256.

D. 1352, 998, 287, 441, 744, 700, 764, 106, 220, 4167, 4159.

W. 4411, 3047, 1835, 2094 3797, 2768, 2731, 2727, 2730, 1815, 2728, 2679, 3276, 3388, 873

*II. Ligature of sac and suture of external oblique.*

J. 2057, 2734, 2963, 3833, 4721, 1721, 2251, 2079, 1930, 1981, 1872, 1864, 1922.

W. 276, 493, 433, 383, 343, 624, 647, 756, 23, 4661, 4918, 4525, 4662, 3012, 3021, 3882, 3499, 1356.



INGUINAL (*continued*).III. *Silver filigree inserted, with Bassini operation.*

T. 2833.

W. 3897.

IV. *No operation.*

T. 184, 4629.

W. 2811, 1572.

## RECURRENT INGUINAL.

D. 4310. Filigree and Bassini operation.

W. 2286. Bassini operation.

## FEMORAL.

*Radical operation by inguinal route.*

J. 2128, 467, 4311.

T. 1400.

D. 442.

W. 2851, 2053.

## UMBILICAL.

*Radical operation.*

T. 1103, 1402, 1090.

## HERNIA THROUGH LINEA ALBA.

J. 1475. Radical operation.

## HERNIA THROUGH ABDOMINAL SCARS.

*No operation.*

J. 1910. Following appendix abscess. Had bronchitis.

*Radical operation.*

J. 1984. Following appendix abscess.

T. 1290. Following appendix abscess.

T. 811. Following subumbilical laparotomy.

W. 272. Following appendix abscess.

W. 3461. Following abscess in groin.

W. 3152. Following subumbilical laparotomy.

## STRANGULATED HERNIA.

I. *Inguinal.*

J. 4191. Aged 75. Twenty-two hours' duration. Bowel reduced. Recovery.

J. 1324. Aged 48. Eighteen hours' duration. Bowel reduced. Recovery.

J. 829. Aged 41. Four days' symptoms. Bowel strangulated by adhesion between sac and its omental contents. Bowel reduced. Recovery.

T. 4400. Aged 68. Twelve hours' duration. Congenital sac. Bowel reduced. Recovery.

D. 645. Aged 37. Three days' symptoms. Bowel gangrenous. One foot resected. Lateral anastomosis. Death ten days later. *Post-mortem* 46. Anastomosis gangrenous. General peritonitis.

STRANGULATED HERNIA (*continued*).*II. Femoral.*

J. 305. Aged 38. Two days' symptoms. Richter's hernia. Apex invaginated and bowel reduced. Recovery.

J. 3136. Aged 31. Six days' symptoms. Strangulated omentum removed. Recovery.

T. 1798. Aged 56. Previous operation for appendix abscess pointing in thigh through crural canal. Five days' symptoms. Strangulated omentum resected. Recovery.

T. 4681. Aged 58. Twenty-four hours' duration. Bowel reduced. Recovery.

T. 1258. Aged 45. One week's symptoms. Strangulated omentum removed. Recovery.

D. 1145. Aged 72. Three days' duration. Richter's hernia. Bowel reduced. Collapsed on table, and death a few hours later. *Post-mortem* 63.

D. 394. Aged 77. Twenty-four hours' duration. Doubtful bowel resected. End-to-end anastomosis. Recovery.

W. 750. Aged 34. Twelve hours' duration. Bowel reduced. Recovery.

W. 1953. Aged 17. Two hours' duration. Bowel reduced. Recovery.

W. 3908. Aged 34. Two days' duration. Bowel reduced. Recovery.

*III. Umbilical.*

W. 3641. Aged 50. Three days' duration. Previous operation for umbilical hernia. Operation under novocain infiltration. Bowel reduced. Recovery.

W. 1468. Aged 69. Three days' duration. Previous operation for umbilical hernia. Operation under stovain. Death on table. *Post-mortem* 83. Gangrenous perforated bowel. General peritonitis. Fatty heart.

## DISEASES OF THE URINARY TRACT.

## MOVABLE KIDNEY.

J. 861. Nephropexy.

T. 2173. Nephropexy.

T. 2139. Nephropexy.

W. 1575, 4406. Previous nephropexy elsewhere. Capsule apparently had not been stripped. Return of symptoms. Nephropexy performed.

## RENAL PAIN.

W. 311, 151, 4662. No cause found.

## HÆMATURIA. ? CAUSE.

J. 1938, 2519, 3415.

T. 4712.



## PYELITIS.

W. 145, 3893.

## HYDRONEPHROSIS.

W. 4355. Due to kinking at pelvi-ureteral junction. Nephrectomy. Recovery.

W. 1951. Due to accessory renal artery crossing in front of upper part of ureter. Efflux seen from other ureter. Nephrectomy. Death from uræmia thirteen days later. *Post-mortem* 119. Similar condition on opposite side.

## MALIGNANT TUMOUR OF KIDNEY.

T. 3382. Pyuria and cystitis. Kidney\*explored. Inoperable growth. Death. *Post-mortem* 176.

## PERINEPHRIC ABSCESS.

J. 3021. One month's history. Drained. No pyuria before or after operation.

W. 120. Thought to be appendicitis. Appendicectomy. Developed turbid effusion in shoulder. Drained. Culture: *Staph. aureus*. Later perinephric abscess was opened. Culture: *Staph. aureus*. Kidney was injured and secondary hæmorrhage occurred. Nephrectomy. Recovery.

## TUBERCULOSIS OF KIDNEY.

D. 361. Congenital cystic kidney with a mass of tubercle in one portion adherent to cæcum. Nephrectomy. Recovery.

W. 1760. Nephrectomy for tuberculosis twelve months previously. Disease now in opposite kidney, bladder, prostate and vesiculæ.

W. 4177. Nephrectomy. Recovery.

W. 1122. Nephrectomy. Some tuberculous infection of wound occurred. Slow recovery.

W. 4187. Nephrectomy. Whole wound became infected with tubercle. Death. *Post-mortem* 104. Miliary tubercle of lungs, peritonium, liver, bladder and prostate.

## RENAL CALCULUS.

J. 172. Previous operations for calculi on both sides. Calculi recurred on one side; removed by nephrotomy.

J. 4137. Nephrolithotomy.

J. 3107. Calculous pyonephrosis. Nephrolithotomy. Drainage.

T. 500. Bilateral calculi. Previous operations on both kidneys and bladder. Pyelotomy. Multiple calculi removed from one kidney.

W. 2891. Previous removal of calculi from bladder and both kidneys. No further calculi.

## ? RENAL CALCULUS.

W. 1852. Pyelotomy and nephrotomy. Old blood-clot, but no stone found.

## URETERIC CALCULUS.

W. 3011. In lower end of ureter. No operation.

## ? URETERIC CALCULUS.

J. 1001.

W. 1978.

## VESICAL CALCULUS.

J. 1323. Two very large stones removed suprapubically.

W. 2588, 2988. Lithotripsy.

W. 274. Removed suprapubically.

## CARCINOMA OF BLADDER.

J. 3208. Inoperable.

T. 1832. Exploratory suprapubic cystostomy. Inoperable.

T. 1843. Previous removal of papilloma of bladder. Multiple skin nodules present.

## RECURRENT PAPILLOMA OF BLADDER.

W. 1858. Previous operation for papilloma. *Nil* further done.

## DISEASES OF THE MALE GENERATIVE ORGANS.

## VARICOCELE.

T. 1151

D. 2440.

## HYDROCELE OF CORD.

J. 3605.

## ENCYSTED HYDROCELE OF EPIDIDYMIS.

J. 1927, 1055.

D. 4316.

## HYDROCELE OF TUNICA VAGINALIS.

*Radical operation.*

J. 4259, 3786.

D. 33.

W. 3884, 2853, 841.

*No operation.*

W. 1153.

## TUBERCULOUS EPIDIDYMITIS.

J. 1477. Unilateral, with sinus. Chest *nil*. Orchidectomy.

J. 685. Bilateral, with sinus. Previous pleural effusion. Bilateral epididymectomy.

J. 173. Unilateral, with involvement of prostate and vesicula. Chest *nil*. Orchidectomy.



TUBERCULOUS EPIDIDYMITIS (*continued*).

W. 2016. Bilateral, with sinus on one side. Involvement of prostate and vesicula. Phthisis. Testis, vas, and vesicula removed through inguinal incision.

## PERIURETHRAL ABSCESS.

W. 1952. No stricture. Abscess did not communicate with urethra.

## URETHRAL STRICTURE.

- J. 1550. External urethrotomy.
- J. 2458. Ruptured urethra and extravasation. External urethrotomy and multiple incisions. Recovery.
- T. 1302. External urethrotomy.
- T. 2849. Internal urethrotomy followed by severe hæmorrhage from prostate necessitating external urethrotomy and plugging of prostatic urethra around drainage tube. Recovery.
- D. 499. Periurethral abscess. External urethrotomy.
- D. 1390. Periurethral abscess. External urethrotomy.
- D. 1164. External urethrotomy under stovaine. Became comatose during operation and died two days later. *Post-mortem* 72. Hæmorrhage into pons. Granular kidneys.
- W. 1415. External urethrotomy.
- W. 3210. External urethrotomy.
- W. 3306. Internal urethrotomy.

## MALIGNANT GROWTH OF TESTIS.

- J. 4619. Sarcoma. Orchidectomy.
- J. 3561. Carcinoma. Orchidectomy.
- T. 4300. Sarcoma. Orchidectomy.

## SENILE ENLARGEMENT OF PROSTATE.

*Suprapubic prostatectomy.*

- J. 295. Aged 82. Retention. Suprapubic drainage and subsequent prostatectomy.
- J. 3999. Aged 64.
- J. 3636. Aged 68. Retention. Suprapubic drainage and subsequent prostatectomy. Much hæmorrhage. Bladder packed. Death later from chronic uræmia. *Post-mortem* 172.
- T. 2285. Aged 66. Chronic glycosuria. Retention. Suprapubic drainage. Subsequent prostatectomy.
- T. 1871. Aged 55.
- D. 1096. Aged 62. Enlarged tender kidney and vomiting. Suprapubic drainage. Subsequent prostatectomy. Good recovery.
- W. 1762. Aged 74. Retention. Suprapubic drainage. Subsequent prostatectomy.
- W. 3397. Aged 70.
- W. 3401. Aged 63. Retention. Suprapubic drainage. Subsequent prostatectomy.
- W. 1685. Aged 67. Retention. Suprapubic drainage. Subsequent prostatectomy.
- W. 2997. Aged 70. Retention. Suprapubic drainage. Subsequent prostatectomy, followed by hæmorrhage and death. *Post-mortem* 146.

*No operation.*

J. 3880.

D. 734.

W. 4637.

W. 1473. Suppression of urine. Death. No *post-mortem*.

## ? ENLARGED PROSTATE.

J. 2434, 879. Bladder explored. *Nil* found.

## ENLARGED PROSTATE.

J. 250. Retention. Suprapubic drainage. Coma. Death.  
*Post-mortem* 28. Large adenomatous prostate. Primary carcinoma  
 of bronchus with secondary growths in kidneys.

## HÆMATURIA FROM TUBERCULOUS PROSTATE.

D. 194.

D. 740. Previous case readmitted.

## CARCINOMA OF PROSTATE.

J. 1325. Inoperable.

T. 29. Suprapubic partial removal. Permanent drainage.

D. 1775. Inoperable. Previous nephrectomy for papillomatous  
 carcinoma of pelvis of kidney.

W. 4098. Suprapubic partial removal. Death. *Post-mortem*  
 189. Secondary deposits in liver and lungs.

**DISEASES OF THE FEMALE GENERATIVE ORGANS.**

## RUPTURED ECTOPIC GESTATION.

J. 289.

## RETROVERSION OF UTERUS.

J. 4193.

## FIBROID OF UTERUS.

W. 2630. Twisted subperitoneal fibroid. Removed.

## PROLAPSE OF OVARY.

W. 3801.

## OVARITIS.

T. 2051.

## OVARIAN CYST.

J. 3110. Cyst removed.



## SALPINGITIS AND PELVIC PERITONITIS.

- J. 1316.  
 W. 899, 3594.  
 W. 3887. Inflamed appendix removed. Bilateral pyosalpinx left *in situ*.  
 W. 719. Bilateral pyosalpinx. Removal of right appendages and inflamed appendix.

## RETAINED PESSARY.

- W. 1682, 3791.

## DISEASES OF THE BREAST.

## FIBRO-ADENOMA.

- J. 4761. Large soft tumour with cystic degeneration. Tumour enucleated.  
 T. 4630. Enucleated.  
 D. 528. Removed.  
 W. 4654. Large firm tumour. Whole breast removed.

## CHRONIC MASTITIS.

- J. 523. With small cysts. Partial excision of breast.  
 J. 1707. With multiple cysts. Bilateral. Partial excision of both breasts.  
 J. 2992. With single cyst. Partial excision of breast.  
 J. 4011. With single cyst. Partial excision of breast.  
 J. 4679. No cysts. Partial excision of breast.  
 T. 3988, 3527, 1701, 944. With multiple cysts. Removal of whole breast.  
 T. 1070. Bilateral. No operation.  
 D. 197. With single cyst. Partial excision of breast.  
 W. 1576. Male. Removal of breast.  
 W. 679. With multiple cysts. Partial excision of breast.  
 W. 708. With single cyst. Aspirated.  
 W. 3777. With multiple cysts. Excision of whole breast.  
 W. 3145. Bilateral with multiple cysts. Both breasts removed.

## CARCINOMA.

## I. Operation with removal of both pectorals.

- J. 2368, 2138, 1476, 4279, 693, 3971, 278, 4330, 76, 4187, 4567, 4449, 3792, 4005, 4452, 4653, 869.  
 J. 526, 1176. Duct carcinoma.  
 T. 4165, 1712, 3662, 400, 3819, 582, 382, 639, 2104, 1401, 1661, 1913.  
 T. 1997. Death on next day. *Post-mortem* 113. Extreme fatty degeneration of heart.  
 T. 864. Male.  
 D. 187, 1077.  
 D. 997. Posterior triangle also cleared.  
 W. 3065, 1053, 3676, 4038, 3146, 3831, 2442, 314, 745, 732, 1481.  
 W. 3773. Posterior triangle also cleared.  
 W. 2042. Bilateral growths. Bilateral radical operation in two stages.

*II. Local removal.*

- J. 1999. Breast removed. Growth found to invade chest wall.  
 T. 3556. Aged 75. Breast removed for extensive growth.  
 D. 4058. Partial extension of breast for cyst. Microscope showed early carcinoma in wall of cyst. No further operation.

*III. Inoperable.*

- J. 3557.  
 T. 4213. Much glycosuria.  
 T. 4260. Abscess in superficial tissues with skin ulcerated over growth.  
 W. 4353.

## ? RECURRENT CARCINOMA.

- T. 3986. Two nodules beneath clavicle. Excised. Found to be scar tissue around ligatures.

## RECURRENT CARCINOMA.

*I. Operation.*

- J. 4207. Radical operation eight months ago. Mass in axilla excised.  
 W. 4663. Radical operation five years ago. Multiple nodules in opposite posterior triangle, which was cleared.

*II. Inoperable.*

- J. 3805. Incomplete operation elsewhere four years ago. Growth beneath scar and in posterior triangle.  
 D. 3197. Radical operation twelve months ago. Mass in opposite breast with extensive skin involvement, also growth in chest.  
 W. 4123. Radical operation two months ago. Growths in posterior triangle, liver and chest.  
 W. 2287. Incomplete operation elsewhere twelve months ago. Growth in skin, axilla, posterior triangle and chest.

## DISEASES OF BONE.

## TYPHOID OSTEOMYELITIS.

- J. 3307. Typhoid one year previously. Tibia.

## OSTEOMYELITIS.

- J. 2646. Tibia. Chronic. Previous acute attack. Operation.  
 D. 4305. Tibia. Chronic. Previous acute attack. Operation.  
 W. 224. Femur. Subacute. Operation.  
 W. 4061. Rib. Subacute abscess. Operation. Death. *Post-mortem* 184. Old phthisis.  
 W. 1382. Femur. Operation.  
 W. 1819. Tibia. Chronic. Previous acute attack. Operation.  
 W. 2441. Rib. Acute. Operation.



## SINUS FOLLOWING OSTEOMYELITIS.

- J. 2092. Sequestrum removed from septic amputation stump.  
Femur.  
J. 2214. Sequestrum removed from old compound fracture.  
Tibia.  
J. 464. Old compound fracture. Femur. Opened up and  
scraped.  
T. 3399. Old compound fracture. Tibia. Opened up and  
scraped.  
T. 1830. Old compound fracture. Tibia. Sequestrum re-  
moved.  
T. 1629. Jaw. Chronic alveolar abscess. Embedded stump  
removed.  
W. 1774. Jaw. Old fracture. Sequestrum removed.  
W. 3054. Jaw. Chronic alveolar abscess. Sequestrum re-  
moved.  
W. 906. Previous acute osteomyelitis. Fibula. Sequestrum  
removed.

## SYPHILIS.

- J. 1603. Necrosis of palate. Sequestrum removed.  
J. 651. Necrosis of nasal septum. Sequestrum removed.  
J. 389. Necrosis of upper jaw. Sequestrum removed.  
T. 650. Gummatous periostitis of tibia.  
T. 1839. Periostitis of tibia.  
W. 524. Gumma of manubrium sterni.  
W. 3283. Gumma of neck of femur, with coxa vara.  
W. 3773. Previous case readmitted.

## TUBERCULOSIS.

*Rib.*

- J. 4000. With sinus. Operation.  
D. 422. Operation.

## CLAVICLE.

- D. 360. Spontaneous fracture of middle of bone. Explored  
and thought to be growth. Clavicle excised. Microscope showed  
tubercle.

## HUMERUS.

- J. 4036. Upper end, with abscess. Operation.  
D. 284. Lower end, with abscess. Operation.

## VERTEBRAL COLUMN.

- J. 1724. Dorsal. Old laminectomy for paraplegia, which had  
recovered. Cystitis.  
J. 810. Dorsal. Plaster jacket.  
J. 350f. Dorsi-lumbar. Also had phthisis.  
J. 4008. Dorsal. Lumbar abscess. Operation.  
J. 4073. Dorsal. Previous laminectomy for paraplegia, which  
had recovered. Sinus. Amyloid disease.  
T. 71. Dorsal.  
D. 2286. Lumbar. Psoas abscess. Aspirated.

VERTEBRAL COLUMN (*continued*).

- D. 3822. Dorsal. Psoas and lumbar abscess. Also had tuberculous wrist and humerus.  
 W. 2501. Dorsal. Psoas abscess.  
 W. 4086. Dorsi-lumbar. Psoas abscess.  
 W. 1812. Lumbar.  
 W. 3342. Dorsal. Lumbar and psoas abscesses.  
 W. 4048. Dorsal. Psoas abscess reaching to ankle, with sinus.  
 W. 3274. Dorsal.  
 W. 842. Cervico-dorsal.  
 W. 1572. Dorsi-lumbar. Bilateral psoas and gluteal abscesses.

## ? PSOAS ABSCESS.

- T. 1168.  
 W. 3929.

## HYSTERICAL SPINE.

- T. 144.

## CROSS-UNION BETWEEN RADIUS AND ULNA.

- T. 82. Following fracture. Bridge of union removed.

## OSTEITIS FIBROSA.

- J. 1170. Aged 8. Following scarlet fever. Tibia. Diseased tissue scraped away, containing multiple small cysts.

## EXOSTOSIS.

- T. 4307. Tibia.  
 W. 2184. Rib.

## SECONDARY CARCINOMA.

- W. 4405. Femur causing spontaneous fracture. Radical operation for carcinoma of breast ten months ago. Extensive recurrences in deep fascia.

## SARCOMA.

- J. 4309. Local recurrence after removal of upper jaw eight years ago. Treated with radium.  
 J. 388. Aged 12. Myeloid of tibia, upper end. Scraped and cavity packed.  
 J. 2670. Preceding case recurrent in bone and soft parts. Amputation through lower third of femur.  
 D. 2916. Aged 43. Myeloid of lower end of tibia. Resected, the upper portion of opposite fibula being grafted into place.  
 W. 1350. Aged 8. Fibula. Treated by radium, but growth fungated. Amputation through thigh. Periosteal sarcoma.

## ? SARCOMA.

- T. 2852. Tibia. Refused operation.
-



## DISEASES OF JOINTS.

## • TUBERCULOSIS.

*Shoulder.*

J. 541. With sinus. Opened and scraped.

*Elbow.*

J. 1287. Plaster.

W. 1554. With sinus. Opened and scraped.

W. 2139. With abscess. Aspirated.

W. 2672. With abscess. Opened and scraped. Also had tuberculosis of finger, which was amputated, and knee, which was plastered.

*Wrist.*

W. 3826. Old case. Healed.

*Sacro-iliac.*

T. 254. Abscesses. Aspirated. Also had tuberculous hip.

T. 4012. Doubtful case.

*Hip.*

J. 2371. With sinus. Scraped.

J. 3998. With abscess. Opened.

T. 2105. With abscess. Aspirated.

T. 1143. With sinus. Scraped.

D. 4307. With sinuses. Sequestrum removed. Scraped.

W. 609. With abscess. Aspirated.

W. 718. Extension and splint.

W. 3153. Extension and splint.

W. 1705. Plaster.

W. 1850. Extension.

W. 3838. Bony ankylosis. Healed.

W. 3508. Plaster.

*Knee.*

J. 2238. Amputations through thigh. Also had sinuses about hip, ankle and perineum.

T. 3385. Old excision. Healed.

T. 2590. Old excision. Plaster reapplied.

T. 1395. Excised.

D. 3066. Old excision for removal of wire.

W. 878. Plaster.

W. 5279. With sinuses. Excised.

W. 1553. Plaster.

W. 1731. Excised. Also had tuberculous wrist, which was plastered.

W. 995. Fibrous ankylosis and abscess. Abscess scraped. Plaster.

W. 1727. Bilateral, with periarticular abscess. Abscess scraped. Plaster.

W. 4099. Periarticular abscess. Scraped. Plaster.

W. 3483. Had phthisis. Amputation through thigh.

W. 1771. With sinus, which was scraped. Also had tuberculous dactylitis with sinus.

# ? TUBERCULOUS KNEE.

W. 3883, 1384.

## *Ankle.*

J. 1261. With abscess. Scraped.

T. 3816. With sinuses. Removal of astragalus and lower end of tibia and fibula. Also had tuberculous epididymitis and compound palmar ganglion; the latter was dissected away.

W. 3801, 1703. With sinus. Plaster.

W. 1779. Bilateral, with sinuses. Also had phthisis, tuberculous rib, and fistula in ano.

## ANKYLOSIS.

J. 448. Elbow, following arthritis. Fibrous union. Moved under anæsthetic.

J. 1125. Knee, with flexion. Fibrous union following injury. Corrected by weight extension.

2813. Knee with flexion. Fibrous union following gonorrhœal arthritis. Corrected by extension.

D. 695. Knee, with flexion, following arthritis. Fibrous union. Massage and manipulation.

W. 3807. Knee, with flexion. Bony union after excision for tubercle. Wedge excised. Hamstrings divided. Weight extension.

W. 498. Knee, with flexion. Bony union after tuberculous disease. Wedge excised.

W. 2453. Knee, with flexion. Bony union after tuberculous disease. Wedge excised and plated.

W. 4717. Knee, with flexion. Fibrous union after tuberculous disease. Weight extension.

W. 3840. Knee, with flexion. Fibrous union. Old case of acute osteomyelitis. Arthroplasty. Movable joint obtained.

## INTERNAL DERANGEMENT OF KNEE-JOINT.

### *Removal of internal semilunar cartilage.*

J. 2736.

T. 4120, 4205.

D. 72, 4312.

W. 1174, 2457, 1284.

W. 2364. Removal of partially detached portion of cartilage.

## SUBLUXATION OF PATELLA.

T. 340. Gracilis sutured to ligamentum patellæ.

## FIBROMA OF THE SYNOVIAL MEMBRANE.

J. 4725. Growing in connection with astragalo-navicular joint. Tumour excised.

## OSTEO-ARTHRITIS.

W. 4522. Of elbow, with much lipping.

## RHEUMATOID ARTHRITIS.

D. 703. Of wrists, fingers, shoulders and knees.

D



## SUBACUTE INFECTIVE ARTHRITIS.

- T. 270. Old osteomyelitis of humerus with effusion into elbow.  
 W. 1417. Old osteomyelitis of femur with effusion into knee.  
 Aspirated.  
 W. 2191. Aged 10 months. Knee, with effusion, after broncho-  
 pneumonia. Aspirated. Culture showed streptococci.  
 W. 3007. Aged 1 year 6 months. Elbow.  
 W. 3784. Knee. Plaster.  
 W. 522. Knee, ankle and wrist. Knee opened, washed out  
 and closed.  
 W. 1728. Elbow, wrist and knee. Knee plastered.
- 

## DISEASES OF BURSÆ.

## SUPPURATIVE BURSITIS.

- J. 4490. Prepatellar bursa.

## TUBERCULOSIS.

- J. 2085. Over great trochanter.

## CHRONIC BURSITIS.

- J. 3096. Prepatellar bursa.  
 W. 1579. Adventitious bursa over shoulder.  
 W. 3195. Semi-membranous bursa.  
 W. 1543. Subsartorial bursa.
- 

## DISEASES OF MUSCLES AND FASCIÆ.

## HYPERTROPHY OF MUSCLE.

- D. 889. Thought to be semi-membranous bursa, but proved to  
 be enlarged inner head of gastrocnemius.

## CHRONIC SUPPURATION IN MUSCLE.

- W. 1508. In muscles of pelvis and buttock, with sinuses.  
 Death. *Post-mortem* 112. Amyloid disease. No bone disease  
 found.

## SARCOMA OF MUSCLE.

- W. 1528. Of calf muscles. Radium inserted.  
 W. 1755. Previous case readmitted. Amputation through  
 thigh.

## GANGLION.

- J. 3350. Lying in aponeurosis over gastrocnemius.
-

## DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUES.

## SINUS.

- J. 1069. After breast operation.
- J. 1066. After amputation.
- J. 3796. After amputation.
- J. 681. After laparotomy.
- T. 348. After breast operation.
- T. 817. After compound fracture.
- W. 4175. After laparotomy.

## CELLULITIS.

- J. 542, 840. Submaxillary.
- D. 670. Of leg.
- W. 739. Submaxillary. Death. *Post-mortem* 45. Pericarditis and pleurisy.

## SUBCUTANEOUS ABSCESS.

- J. 3802. Tuberculous.
- J. 2716. Tuberculous. Also had phthisis.
- J. 1191. Pneumococcal, of leg.
- T. 2027. Gummatous.
- W. 4080. Tuberculous

## POPLITEAL ABSCESS.

- D. 4031.

## VARICOSE ULCER.

- J. 2609.

## HERPES OF FACE.

- T. 3964.

## LIPOMA.

- J. 4389. Abdominal wall.
- J. 1031. Buttock.

## THICKENED SCAR AFTER BURN.

- T. 2221.

## ACTINOMYCOSIS OF FACE.

- T. 3813. Trismus. Carious tooth. Abscesses in temporal fossa and neck.
- T. 181. Previous case readmitted. Sinuses scraped.

## RODENT ULCER.

- J. 1818, 3354. Of face. X-ray treatment.
- T. 1328. Of face. Excised.
- W. 2290. Of face. Extensive resection of portion of skull with growth. Healed well.



## LUPUS.

J. 1286. Old case. Foci on face curetted.

## LUPUS-CARCINOMA.

J. 2186. Lupus on face for forty years, with development of epithelioma, which was excised. No gland operation performed.

## EPITHELIOMA OF FACE.

J. 910. Aged 77. Excised. No gland operation.

## SARCOMA.

J. 4301. Recurrent case. Growth on buttock and thigh. Excised.

J. 255. Of neck. Excised.

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**INJURIES.**

## BURNS.

J. 806.

W. 2908.

W. 881. Death. No *post-mortem*.

## WOUNDS.

J. 1072. Scalp.

T. 5008. Face.

W. 746. Laceration of leg. Death. No *post-mortem*.

W. 1634. Scalp.

W. 2669. Face.

## FOREIGN BODIES.

T. 3979. Needle in knee. Removed.

W. 4980. Needle in thumb. Removed.

W. 1299. Needle in leg. Removed.

## STAB WOUND.

T. 3002. Chest wall.

## WHITLOW.

J. 2123, 1867, 3137, 313. Involving tendon sheaths. Incision and drainage.

J. 1866.

W. 3447. Involving tendon sheaths. Drainage.

W. 1920. Involving tendon sheaths. Secondary hæmorrhage from ulnar artery.

W. 868. Involving tendon sheaths. Drainage.

## TRAUMATIC ASPHYXIA.

W. 2961. Recovery.

## RUPTURED MUSCLE.

W. 1588. Rectus femoris.

## LACERATION OF RECTUM.

T. 2775. Due to fall on a spike. Laparotomy. Complete tear of rectum sutured. Recovery.

## RUPTURED LIVER.

T. 472. Buffer accident. Laparotomy. Right lobe was crushed. It was packed. Death. *Post-mortem* 29.

## RUPTURED SMALL INTESTINE.

J. 1581. Weight fell on abdomen. Laparotomy. Suture of ruptured jejunum. Death. *Post-mortem* 94. Also had retroperitoneal tear of second part of duodenum.

## BRUISED URETHRA.

T. 4095. Injury to perineum. Bleeding and retention. Catheter passed and tied in.

W. 4231. Injury to perineum. Retention. Attempts to catheterize failed and caused hæmorrhage. Suprapubic cystostomy showed enlargement of prostate. Metal sounds passed *viâ* bladder and urethra met easily in the urethra. Suprapubic drainage. Recovery.

## CRUSHED LIMBS.

D. 635. Train accident. Amputations through one leg, one thigh, and one forearm. Recovery.

W. 4272. Fingers. Amputated.

W. 3906. Foot. Amputated.

W. 1597. Foot. Amputated.

## SPRAIN.

T. 713. Back.

W. 1471. Ankle.

## DISLOCATIONS.

T. 1038. Recent, of shoulder. Reduced.

W. 3836. Old case, of shoulder, unreduced. Also had mal-united fracture through surgical neck of same humerus. No operation.

W. 4246. Old case, of head of radius, unreduced. Reduced by open operation.

## FRACTURES.

*Radius.*

W. 2199. Plated.

W. 4418. For removal of plate.

*Olecranon.*

T. 4097, 4707. Screwed.

T. 4791. For removal of wire.

D. 1154. Wired.

*Humerus.*

T. 17. Supracondylar T fracture into joint. Chronic osteitis of humerus. Splinted.



FRACTURES (*continued*).

W. 2216. Upper one-third of shaft. Extension in abducted position.

W. 2801. Middle of shaft. Musculo-spiral nerve also bruised. Plated.

*Fracture-separation of lower epiphysis of humerus.*

W. 2065. Aged 6. Reduced by open operation.

W. 3536. Aged 7½. Reduced by open operation.

W. 2741. Aged 7. Reduced by open operation.

W. 2698. Aged 3. Reduced by open operation.

*Ribs.*

J. 4788.

J. 3823. Developed pleurisy.

T. 2376, 4669.

*Tibia.*

J. 2855. Plaster.

*Tibia and fibula.**Upper ends.*

J. 1304. Splinted.

*Shafts.*

J. 1606. Tibia plated.

T. 3551, 4111. Tibia plated.

W. 3947. Aged 66. Splinted.

*Pott's.*

W. 3253. Internal malleolus screwed.

W. 4651. Refused operation. Splinted.

W. 659. Internal malleolus screwed. Fibula plated.

*Patella.*

J. 1073. Wired.

W. 3055. Wired.

*Femur.**Neck.*

T. 1229. Extracapsular. Splinted.

D. 37. Intracapsular. Splinted.

W. 4215. Impacted extracapsular. Sand-bags.

*Shaft.*

W. 4163, 1878, 3346. Plated.

W. 2909. Aged 7½. Treated with Gallow's splint.

*Pelvis.*

T. 16. Acetabulum fractured.

T. 1680. Old case.

## COMPOUND FRACTURES.

J. 549. Tibia.

T. 691. Tibia.

## SKULL.

*Concussion.*

- J. 3455.  
 T. 986, 1519.  
 D. 1441, 1161.  
 W. 4910.

*Fracture.*

- J. 545. Base. Bleeding from ear. Recovery.  
 J. 3781. Vault. Compression. Operation. Extradural hæmorrhage. Death. *Post-mortem* 167. Bruised temporo-sphenoidal lobe and hæmorrhage into pons.  
 W. 4304. Vault. Fissured fracture. No operation. Recovery.  
 W. 3909. Compound depressed fracture of vault. Operation. Death. *Post-mortem* 190. Meningitis.  
 W. 3928. Base. Bleeding from ear. Compression and hemiplegia. Operation. Contrecoup bruise of brain. Recovery with slight hemiplegia.

## ? FRACTURED BASE.

- J. 1121.  
 W. 2642.

## SPINE.

- T. 3330. Fracture dislocation of eleventh and twelfth dorsal vertebræ. Slight displacement. No paraplegia. Recovery.  
 T. 3636. Fracture dislocation of lumbo-sacral region. Cauda equina lesion. No operation. Marked improvement.

## MALUNITED FRACTURE.

- J. 277. Radius. Fragments cleared and plated.  
 W. 3658. Lower end of tibia with inversion of foot. Wedge removed from tibia and plated in reversed position. Portion of fibula resected.  
 W. 3050. Old adduction fracture dislocation of ankle. Fragments cleared and replaced. Internal malleolus screwed. Fibula plated.

## UNUNITED FRACTURE.

- J. 92. Old compound tibia and fibula. Fibrous union. Tibia cleared, medulla drilled in several places. Plated.  
 T. 21. Radius. Previously plated. No further operation.  
 T. 4209. Tibia. Fibrous union. Aged 67. Multiple gouty joints and skin ulcerated over fracture. No operation.  
 T. 3888. Intracapsular neck of femur. Aged 46. Cleared and screwed.  
 T. 3987. Intracapsular neck of femur. Aged 64. Marked contracture of adductor muscles, which were divided. Refused further treatment.  
 W. 127. Olecranon. False joint. Fragments cleared and screwed.  
 W. 714. Tibia. Fragments cleared, medulla drilled in several places. Plated.  
 W. 3505. Base of fifth metatarsal. Sliding graft made from fifth metatarsal.





MEDICAL AND SURGICAL  
REPORT

1916

(RESIDENT MEDICAL OFFICER'S PORTION.)



## SUMMARY.

| DISEASES                                                                 | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|--------------------------------------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                                                          | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| TABLE                                                                    |                           |     |       |            |     |      |     |         |
| 1. General Infective Diseases .....                                      | 33                        | 40  | 73    | 32         | 37  | 1    | 3   |         |
| 2. Tuberculosis .....                                                    | 63                        | 52  | 115   | 51         | 44  | 12   | 8   |         |
| 3. Constitutional, Metabolic, and Diseases of the Ductless Glands .....  | 14                        | 12  | 26    | 9          | 9   | 5    | 3   |         |
| 4. Diseases of the Alimentary Tract...                                   | 86                        | 82  | 168   | 78         | 76  | 8    | 6   |         |
| 5. Diseases of the Liver, Gall Passages, Spleen, Peritoneum and Pancreas | 20                        | 16  | 36    | 15         | 14  | 5    | 2   |         |
| 6. Diseases of the Respiratory System and Mediastinum.....               | 64                        | 41  | 105   | 56         | 36  | 8    | 5   |         |
| 7. Diseases of the kidney and Genito-Urinary Tract .....                 | 44                        | 25  | 69    | 37         | 20  | 7    | 5   |         |
| 8. Diseases of the Blood... ..                                           | 13                        | 17  | 30    | 9          | 15  | 4    | 2   |         |
| 9. Diseases of the Cardio-vascular System .....                          | 54                        | 61  | 115   | 43         | 50  | 11   | 11  |         |
| 10. Diseases of the Nervous System ...                                   | 59                        | 59  | 118   | 45         | 52  | 14   | 7   |         |
| 11. Gynæcological and Obstetrical Cases .....                            | ...                       | 8   | 8     | ...        | 8   | ...  | ... |         |
| 12. Poisons and Chronic Intoxications                                    | 2                         | 6   | 8     | 2          | 6   | ...  | ... |         |
| 13. Various .....                                                        | 6                         | 4   | 10    | 6          | 4   | ...  | ... |         |
| Totals .....                                                             | 458                       | 423 | 881   | 383        | 371 | 75   | 52  |         |

# Part I.—STATISTICAL TABLES.

TABLE I.—GENERAL INFECTIVE DISEASES : INCLUDING ACUTE SPECIFICS.

| DISEASES                            | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|-------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                     | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Enteric Fever—                   | 3                         | 2   | 5     | 3          | 2   | ...  | ... |         |
| Paratyphoid .....                   | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| „ carrier .....                     | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 2. Diphtheria—                      |                           |     |       |            |     |      |     |         |
| A. Faucial—                         |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                 | 9                         | 11  | 20    | 9          | 10  | ...  | 1   |         |
| Complicated with—                   |                           |     |       |            |     |      |     |         |
| i. bronchitis .....                 | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| B. Laryngeal                        |                           |     |       |            |     |      |     |         |
| With tracheotomy .....              | 1                         | 3   | 4     | ...        | 1   | 1    | 2   |         |
| C. Nasal .....                      | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 3. Catarrhal laryngitis .....       | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 4. Infective arthritis (rheumatic)— |                           |     |       |            |     |      |     |         |
| A. Acute—                           |                           |     |       |            |     |      |     |         |
| i. Uncomplicated .....              | 1                         | 3   | 4     | 1          | 3   | ...  | ... |         |
| ii. With mitral disease .....       | 2                         | 2   | 4     | 2          | 2   | ...  | ... |         |
| B. Subacute—                        |                           |     |       |            |     |      |     |         |
| i. With mitral disease .....        | ...                       | 3   | 3     | ...        | 3   | ...  | ... |         |
| C. Gonococcal .....                 | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Osteo-arthritis .....            | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 6. Rheumatoid arthritis—            |                           |     |       |            |     |      |     |         |
| A. Subacute .....                   | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| B. Chronic .....                    | 2                         | 4   | 6     | 2          | 4   | ...  | ... |         |
| With double mitral .....            | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 7. Pyæmia .....                     | 3                         | ... | 3     | 3          | ... | ...  | ... |         |
| 8. Dysentery .....                  | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| 9. Malaria .....                    | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 10. Pertussis .....                 | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 11. Morbilli.....                   | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 12. Influenza .....                 | 2                         | 2   | 4     | 2          | 2   | ...  | ... |         |
| 13. Congenital syphilis .....       | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Syphilitic glands .....             | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Totals .....                        | 33                        | 40  | 73    | 32         | 37  | 1    | 3   |         |



TABLE II.—TUBERCULOSIS.

| DISEASES                             | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|--------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                      | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Chronic Pulmonary—                |                           |     |       |            |     |      |     |         |
| A. Early tuberculosis—               | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| ? Early tuberculosis.....            | 12                        | 9   | 21    | 12         | 9   | ...  | ... |         |
| B. Advanced, with—                   |                           |     |       |            |     |      |     |         |
| i. Consolidation .....               | 14                        | 6   | 20    | 14         | 6   | ...  | ... |         |
| ii. Fibrosis .....                   | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| iii. Fibrosis and cavitation.....    | 14                        | 10  | 24    | 9          | 7   | 5    | 3   |         |
| iv. Laryngitis .....                 | 1                         | 4   | 5     | 1          | 4   | ...  | ... |         |
| v. Peritonitis .....                 | 1                         | 1   | 2     | ...        | ... | 1    | 1   |         |
| vi. Meningitis .....                 | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| vii. Double mitral disease .....     | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 2. Acute miliary tuberculosis .....  | 3                         | 4   | 7     | ...        | ... | 3    | 4   |         |
| 3. Tuberculous peritonitis—          |                           |     |       |            |     |      |     |         |
| i. Ascitic .....                     | 5                         | 2   | 7     | 5          | 2   | ...  | ... |         |
| ii. Glandular.....                   | 3                         | 4   | 7     | 1          | 4   | 2    | ... |         |
| ? Tuberculous peritonitis .....      | 2                         | 2   | 4     | 2          | 2   | ...  | ... |         |
| 4. Genito-urinary tuberculosis ..... | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Spinal caries.....                | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 6. Tuberculous adenitis .....        | ...                       | 5   | 5     | ...        | 5   | ...  | ... |         |
| 7. Tuberculous abscess of rib .....  | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 8. ? Tuberculous dactylitis .....    | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. ? Tuberculous enteritis .....     | ...                       | 2   | 2     | ...        | 2   | ...  | ... |         |
| Totals.....                          | 63                        | 52  | 115   | 51         | 44  | 12   | 8   |         |

TABLE III.—CONSTITUTIONAL, METABOLIC AND DISEASES OF THE DUCTLESS GLANDS.

| DISEASES                                               | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|--------------------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                                        | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Thyroid—                                            |                           |     |       |            |     |      |     |         |
| Graves's disease .....                                 | ...                       | 3   | 3     | ...        | 3   | ..   | ... |         |
| Myxoedema .....                                        | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 2. Constitutional diseases producing skeletal changes— |                           |     |       |            |     |      |     |         |
| i. Rickets .....                                       | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| ii. Infantilism .....                                  | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 3. Disorders of nutrition—                             |                           |     |       |            |     |      |     |         |
| i. Marasmus .....                                      | 4                         | 6   | 10    | 1          | 3   | 3    | 3   |         |
| 4. Gout .....                                          | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Diabetes—                                           |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                     | 4                         | 1   | 5     | 4          | 1   | ...  | ... |         |
| Complicated with—                                      |                           |     |       |            |     |      |     |         |
| Coma .....                                             | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| Peripheral neuritis .....                              | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Pulmonary tuberculosis.....                            | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| Gangrene of foot .....                                 | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Totals .....                                           | 14                        | 12  | 26    | 9          | 9   | 5    | 3   |         |



TABLE IV.—DISEASES OF THE ALIMENTARY TRACT.

| DISEASES                             | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|--------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                      | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Diseases of tonsils—              |                           |     |       |            |     |      |     |         |
| i. Follicular tonsillitis .....      | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| ii. Parenchymatous tonsillitis.....  | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 2. Carcinoma of œsophagus .....      | 4                         | ... | 4     | 3          | ... | 1    | ... |         |
| 3. Disorders of stomach—             |                           |     |       |            |     |      |     |         |
| i. Gastralgia (neuroses) .....       | 7                         | 23  | 30    | 7          | 23  | ...  | ... |         |
| ii. Gastric irritation .....         | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| iii. Chronic gastritis .....         | 8                         | 3   | 11    | 8          | 3   | ...  | ... |         |
| iv. Spasmodic hour-glass .....       | ...                       | 2   | 2     | ...        | 2   | ...  | ... |         |
| v. Gastric dilatation .....          | 4                         | ... | 4     | 4          | ... | ...  | ... |         |
| vi. Pyloric stenosis .....           | 3                         | 1   | 4     | 2          | 1   | 1    | ... |         |
| vii. ? Hypertrophic pyloric stenosis | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| viii. Gastric ulcer —                |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                  | 9                         | 7   | 16    | 9          | 7   | ...  | ... |         |
| With hæmatemesis .....               | 1                         | 3   | 4     | 1          | 2   | ...  | 1   |         |
| With hæmatemesis and melæna          | ...                       | 2   | 2     | ...        | 2   | ...  | ... |         |
| Hour-glass stomach .....             | ...                       | 3   | 3     | ...        | 2   | ...  | 1   |         |
| ? Ulcer .....                        | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| Pain after gastro-enterostomy        | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| ix. Carcinoma ventriculi .....       | 6                         | 3   | 9     | 4          | 2   | 2    | 1   |         |
| Treated by operation.....            | 5                         | ... | 5     | 4          | ... | 1    | ... |         |
| ? Carcinoma.....                     | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| x. Gastropotosis .....               | ...                       | 3   | 3     | ...        | 3   | ...  | ... |         |
| 4. Acute gastro-enteritis .....      | 2                         | 5   | 7     | 2          | 5   | ...  | ... |         |
| 5. Duodenal ulcer—                   |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                  | 6                         | ... | 6     | 6          | ... | ...  | ... |         |
| With hæmatemesis melæna ...          | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| ? Duodenal ulcer.....                | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 6. Appendicitis—                     |                           |     |       |            |     |      |     |         |
| i. Not requiring operation .....     | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| ii. Requiring operation .....        | 3                         | 4   | 7     | 3          | 4   | ...  | ... |         |
| iii. ? Appendicitis.....             | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 7. Constipation.....                 | 7                         | 7   | 14    | 7          | 7   | ...  | ... |         |
| 8. Malignant disease of colon.....   | 2                         | 2   | 4     | ...        | 2   | 2    | ... |         |
| „ rectum .....                       | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| ? Carcinoma of colon .....           | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 9. Colitis—                          |                           |     |       |            |     |      |     |         |
| Mucous .....                         | 2                         | 3   | 5     | 2          | 3   | ...  | ... |         |
| Ulcerative .....                     | 1                         | 2   | 3     | 1          | ... | ...  | 2   |         |
| 10. Enteritis .....                  | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| 11. Eyt of small intestine .....     | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| 12. Intestinal colic .....           | 3                         | ... | 3     | 3          | ... | ...  | ... |         |
| 13. Helminthiasis .....              | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Totals .....                         | 86                        | 82  | 168   | 78         | 76  | 8    | 6   |         |

TABLE V.—DISEASES OF THE LIVER, GALL PASSAGES, SPLEEN, PERITONEUM AND PANCREAS.

| DISEASES                                  | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|-------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                           | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Jaundice—                              |                           |     |       |            |     |      |     |         |
| Catarrhal .....                           | ...                       | 3   | 3     | ...        | 3   | ...  | ... |         |
| Obstructive .....                         | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| Acholuric .....                           | 1                         | 2   | 3     | 1          | 2   | ...  | ... |         |
| 2. Cholecystitis .....                    | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 3. Cholelithiasis—                        |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                       | 1                         | 3   | 4     | 1          | 3   | ...  | ... |         |
| With cholecystitis .....                  | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| ? Cholelithiasis .....                    | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 4. Cirrhosis of liver—                    |                           |     |       |            |     |      |     |         |
| Multilobular .....                        | 1                         | 1   | 2     | 1          | ... | ...  | 1   |         |
| ? Syphilitic .....                        | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| 5. Carcinoma of liver .....               | 3                         | ... | 3     | 1          | ... | 2    | ... |         |
| 6 Splenomegaly ? cause .....              | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 7. Peritoneum—                            |                           |     |       |            |     |      |     |         |
| Malignant disease of .....                | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| Hydatid of .....                          | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Abscess with general peritonitis ...      | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| Chronic peritonitis .....                 | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 8. Pancreas—                              |                           |     |       |            |     |      |     |         |
| Carcinoma of .....                        | 3                         | ... | 3     | 2          | ... | 1    | ... |         |
| ? Carcinoma of .....                      | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. Carcinoma of bile duct .....           | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| 10. Congenital stenosis of bile ducts ... | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| Totals .....                              | 20                        | 16  | 36    | 15         | 14  | 5    | 2   |         |



TABLE VI.—DISEASES OF THE RESPIRATORY SYSTEM AND MEDIASTINUM.

| DISEASES                             | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|--------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                      | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Lobar pneumonia—                  |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                  | 5                         | 12  | 17    | 5          | 12  | ...  | ... |         |
| With empyema .....                   | 3                         | ... | 3     | 2          | ... | 1    | ... |         |
| With pleural effusion.....           | 2                         | ... | 2     | 1          | ... | 1    | ... |         |
| 2. Broncho-pneumonia—                |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                  | 21                        | 16  | 37    | 18         | 13  | 3    | 3   |         |
| With Pericarditis and peritonitis... | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| 3. Asthma .....                      | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| 4. Bronchitis—                       |                           |     |       |            |     |      |     |         |
| Chronic—uncomplicated .....          | 3                         | 1   | 4     | 3          | 1   | ...  | ... |         |
| ,, with asthma .....                 | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Emphysema .....                   | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 6. Fibrosis of lung .....            | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 7. Bronchiectasis .....              | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| 8. Pleurisy—                         |                           |     |       |            |     |      |     |         |
| Dry .....                            | 3                         | 1   | 4     | 3          | 1   | ...  | ... |         |
| With effusion .....                  | 4                         | 5   | 9     | 4          | 5   | ...  | ... |         |
| ? Pleurisy .....                     | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. Empyema .....                     | 4                         | 1   | 5     | 3          | 1   | 1    | ... |         |
| 10. Malignant disease of lung .....  | 2                         | ... | 2     | 1          | ... | 1    | ... |         |
| 11. Mediastinal disease .....        | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| Tumour .....                         | 1                         | 1   | 2     | 1          | ... | ...  | 1   |         |
| Suppurating cyst .....               | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| 12. Epithelioma of larynx.....       | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 13. Catarrhal laryngitis.....        | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 14. Œdema of glottis.....            | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 15. Acute Œdema of lungs .....       | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 16. Glands pressing on bronchi ..... | 3                         | ... | 3     | 3          | ... | ...  | ... |         |
| Totals.....                          | 64                        | 41  | 105   | 56         | 36  | 8    | 5   |         |

TABLE VII.—DISEASES OF THE KIDNEY AND GENITO-URINARY TRACT.

| DISEASES                                                                  | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|---------------------------------------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                                                           | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Tumour of kidney—<br>Carcinoma .....                                   | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| 2. Nephrolithiasis? .....                                                 | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 3. Nephritis—<br>Acute .....                                              | 5                         | 4   | 9     | 5          | 4   | ...  | ... |         |
| Subacute .....                                                            | 5                         | 1   | 6     | 5          | 1   | ...  | ... |         |
| 4. Chronic renal disease—<br>A. With hypertension—<br>Uncomplicated ..... | 3                         | ... | 3     | 3          | ... | ...  | ... |         |
| Complicated with—<br>i. Anasarca ..                                       | 6                         | 6   | 12    | 6          | 3   | ...  | 3   |         |
| ii. Anasarca, bronchitis and em-<br>physema .....                         | 3                         | ... | 3     | 2          | ... | 1    | ... |         |
| iii. Anasarca, uræmia .....                                               | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| iv. Uræmia .....                                                          | 2                         | 1   | 3     | 1          | ... | 1    | 1   |         |
| v. Retinitis .....                                                        | 3                         | ... | 3     | 2          | ... | 1    | ... |         |
| vi. Pericarditis .....                                                    | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| B. Without hypertension—<br>i. With anasarca .....                        | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| ii. Without anasarca .....                                                | 2                         | 2   | 4     | 1          | 2   | 1    | ... |         |
| iii. Uremia with hemiplegia .....                                         | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 5. Albuminoid kidney .....                                                | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 6. Pyelitis .....                                                         | 2                         | 4   | 6     | 1          | 4   | 1    | ... |         |
| 7. Hydronephrosis .....                                                   | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 8. Perinephritic abscess .....                                            | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. Paroxysmal hæmoglobinuria .....                                        | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 10. Cystitis .....                                                        | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| 11. Bacilluria .....                                                      | 1                         | 2   | 3     | 1          | 2   | ...  | ... |         |
| 12. Disease of prostate .....                                             | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Totals .....                                                              | 44                        | 25  | 69    | 37         | 20  | 7    | 5   |         |



TABLE VIII.—DISEASES OF THE BLOOD.

| DISEASES                   | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|----------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                            | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Pernicious anæmia ..... | 3                         | 7   | 10    | 3          | 6   | ...  | 1   |         |
| ? Pernicious anæmia .....  | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 2. Leukæmia—               |                           |     |       |            |     |      |     |         |
| Spleno-medullary.....      | 1                         | 2   | 3     | 1          | 1   | ...  | 1   |         |
| Lymphatic .....            | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Leucocythæmia cutis .....  | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| 3. Purpura simplex .....   | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Purpura rheumatica ..      | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 4. Lymphadenoma—           |                           |     |       |            |     |      |     |         |
| Apyrexial .....            | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| Relapsing pyrexia .....    | 2                         | 3   | 5     | 1          | 3   | 1    | ..  |         |
| 5. Chloroma .....          | 2                         | ... | 2     | ...        | ... | 2    | ... |         |
| 6. Lymphosarcoma .....     | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 7. Scurvy Rickets.....     | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Totals .....               | 13                        | 17  | 30    | 9          | 15  | 4    | 2   |         |

TABLE IX.—DISEASES OF THE CARDIO-VASCULAR SYSTEM.

| DISEASES                                          | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|---------------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                                   | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Diseases of the veins—                         |                           |     |       |            |     |      |     |         |
| Thrombosis superior mesenteric vein .....         | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| 2. Arterio-sclerosis—                             |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| With hypertension and cardiac hypertrophy .....   | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| With myocardial degeneration and dilatation ..... | 8                         | ... | 8     | 7          | ... | 1    | ... |         |
| With gangrene.....                                | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 3. Congenital morbus cordis .....                 | 1                         | 3   | 4     | ...        | 2   | 1    | 1   |         |
| 4. Abnormalities of cardiac rhythm—               |                           |     |       |            |     |      |     |         |
| Functional tachycardia .....                      | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Auricular fibrillation .....                      | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Mitral regurgitation—                          |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                               | 2                         | 3   | 5     | 2          | 3   | ...  | ... |         |
| With erythema.....                                | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| With bronchitis .....                             | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 6. Mitral stenosis—                               |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                | 2                         | 4   | 6     | 2          | 4   | ...  | ... |         |
| With respiratory conditions .....                 | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| With auricular fibrillation .....                 | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| With pregnancy .....                              | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 7. Double mitral disease—                         |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                | 2                         | 13  | 15    | 2          | 12  | ...  | 1   |         |
| With bronchitis .....                             | 3                         | 4   | 7     | 3          | 3   | ...  | 1   |         |
| With pleural effusion .....                       | 3                         | 7   | 10    | 1          | 5   | 2    | 2   |         |
| With nephritis .....                              | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| With cerebral embolism .....                      | ...                       | 2   | 2     | ...        | 2   | ...  | ... |         |
| With pneumonia .....                              | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| With auricular fibrillation .....                 | 3                         | 3   | 6     | 2          | 2   | 1    | 1   |         |
| 8. Aortic regurgitation .....                     | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. Aortic stenosis .....                          | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 10. Double aortic disease—                        |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                | 6                         | 1   | 7     | 4          | 1   | 2    | ... |         |
| With pulmonary tuberculosis.....                  | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 11. Aortic and mitral disease—                    |                           |     |       |            |     |      |     |         |
| Uncomplicated.....                                | 4                         | 4   | 8     | 4          | 4   | ...  | ... |         |
| With pleural effusion .....                       | ...                       | 2   | 2     | ...        | 1   | ...  | 1   |         |
| 12. Myocardial degeneration .....                 | 1                         | ... | 1     | ...        | ... | 1    | ... |         |



DISEASES OF THE CARDIO-VASCULAR SYSTEM—*continued.*

| DISEASES                                                             | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|----------------------------------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                                                      | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 13. Pericarditis—                                                    |                           |     |       |            |     |      |     |         |
| Acute with effusion .....                                            | ...                       | 3   | 3     | ...        | 2   | ...  | 1   |         |
| 14. Malignant endocarditis—                                          |                           |     |       |            |     |      |     |         |
| Usual type .....                                                     | 6                         | 2   | 8     | 3          | 1   | 3    | 1   |         |
| ? Malignant endocarditis .....                                       | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 15. Aneurysm—                                                        |                           |     |       |            |     |      |     |         |
| Ascending aorta .....                                                | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| Arch with sympathetic paralysis<br>and brachial plexus paralysis ... | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Abdominal .....                                                      | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Totals .....                                                         | 54                        | 61  | 115   | 43         | 50  | 11   | 11  |         |

TABLE X.—DISEASES OF THE NERVOUS SYSTEM.

| DISEASES                                     | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|----------------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                              | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. Meningitis—                               |                           |     |       |            |     |      |     |         |
| Tuberculous .....                            | 5                         | 1   | 6     | ...        | 1   | 5    | ... |         |
| Cerebro-spinal .....                         | 2                         | 4   | 6     | 1          | 2   | 1    | 2   |         |
| Posterior basic .....                        | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| Pneumococcal .....                           | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| ? Meningitis .....                           | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 2. Diseases of the brain—                    |                           |     |       |            |     |      |     |         |
| Cerebral hæmorrhage .....                    | 5                         | 1   | 6     | ...        | ... | 4    | 1   |         |
| Sinus thrombosis .....                       | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| Hemiplegia .....                             | 1                         | 1   | 2     | 1          | 1   | ...  | ... |         |
| 3. Hydrocephalus.....                        | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| 4. Tumor cerebri—                            |                           |     |       |            |     |      |     |         |
| Gumma .....                                  | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| Glioma .....                                 | 1                         | 1   | 2     | 1          | ... | ...  | 1   |         |
| Medullary tumour with miliary tubercle ..... | 1                         | ... | 1     | ...        | ... | 1    | ... |         |
| 5. Intracranial syphilis—                    |                           |     |       |            |     |      |     |         |
| Pachymeningitis.....                         | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| 6. Diseases of the spinal cord—              |                           |     |       |            |     |      |     |         |
| Syphilitic meningo-myelitis .....            | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| Acute transverse myelitis.....               | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Anterior poliomyelitis—                      |                           |     |       |            |     |      |     |         |
| Acute .....                                  | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Subacute .....                               | 2                         | 1   | 3     | 2          | 1   | ...  | ... |         |
| Progressive muscular atrophy .....           | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| Tabes dorsalis .....                         | 3                         | 2   | 5     | 2          | 2   | 1    | ... |         |
| Disseminate sclerosis .....                  | 3                         | 5   | 8     | 3          | 5   | ...  | ... |         |
| " " (syphilitic) .....                       | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| Subacute combined degeneration...            | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Amyotrophic lateral sclerosis .....          | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 7. Peripheral neuritis .....                 | 2                         | 2   | 4     | 2          | 2   | ...  | ... |         |
| 8. Functional diseases—                      |                           |     |       |            |     |      |     |         |
| ? Epilepsy .....                             | ...                       | 3   | 3     | ...        | 3   | ...  | ... |         |
| Spasmodic torticollis.....                   | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Coma (? cause) .....                         | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. Hysteria—                                 |                           |     |       |            |     |      |     |         |
| General type .....                           | ...                       | 3   | 3     | ...        | 3   | ...  | ... |         |
| With sensory changes .....                   | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 10. Neurasthenia—                            |                           |     |       |            |     |      |     |         |
| General type .....                           | 7                         | 8   | 15    | 7          | 8   | ...  | ... |         |
| Traumatic and post-operative .....           | 3                         | ... | 3     | 3          | ... | ...  | ... |         |
| Shell shock .....                            | 1                         | ... | 1     | 1          | ... | ...  | ... |         |



DISEASES OF THE NERVOUS SYSTEM—*continued.*

| DISEASES                              | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|---------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                       | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 11. Myopathies—<br>Personal type..... | 1                         | ... | 1     | 1          | ... | ...  | ..  |         |
| 12. Myositis .....                    | 1                         | 1   | 2     | 1          | 1   | ..   | ... |         |
| 13. Amyotonia congenita .....         | ...                       | 1   | 1     | ...        | ... | ...  | 1   |         |
| 14. Disorders of movement—<br>Chorea— |                           |     |       |            |     |      |     |         |
| Uncomplicated .....                   | 3                         | 6   | 9     | 3          | 6   | ...  | ... |         |
| Complicated with—                     |                           |     |       |            |     |      |     |         |
| Endocarditis .....                    | 1                         | 7   | 8     | 1          | 7   | ...  | ... |         |
| Pregnancy .....                       | ...                       | 2   | 2     | ...        | 2   | ...  | ... |         |
| 15. Vasomotor disturbances—           |                           |     |       |            |     |      |     |         |
| Raynaud's disease ... ..              | 2                         | ..  | 2     | 2          | ... | ...  | ... |         |
| Migraine .....                        | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Ménière's disease .....               | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| Totals .....                          | 59                        | 59  | 118   | 45         | 52  | 14   | 7   |         |

TABLE XI.—GYNÆCOLOGICAL AND OBSTETRICAL CASES  
ADMITTED TO MEDICAL WARDS.

| DISEASES                         | Cases treated during 1916 |    |       | Discharged |    | Died |     | REMARKS |
|----------------------------------|---------------------------|----|-------|------------|----|------|-----|---------|
|                                  | M.                        | F. | Total | M.         | F. | M.   | F.  |         |
| 1. Vaginitis .....               | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 2. Pelvic Congestion.....        | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 3. Fibrous uterus .....          | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 4. Salpingitis .....             | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 5. Ovarian tumours .....         | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 6. Phlebitis with pregnancy..... | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| 7. Miscarriage .....             | ...                       | 2  | 2     | ...        | 2  | ...  | ... |         |
| Totals .....                     | ...                       | 8  | 8     | ...        | 8  | ...  | ... |         |



TABLE XII.—POISONS AND CHRONIC INTOXICATIONS.

| DISEASES                   | Cases treated during 1916 |    |       | Discharged |    | Died |     | REMARKS |
|----------------------------|---------------------------|----|-------|------------|----|------|-----|---------|
|                            | M.                        | F. | Total | M.         | F. | M.   | F.  |         |
| 1. Acute poisoning—        |                           |    |       |            |    |      |     |         |
| Mercuric chloride .....    | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| Ptomaine.....              | 2                         | 3  | 5     | 2          | 3  | ...  | ... |         |
| 2. Chronic poisoning—      |                           |    |       |            |    |      |     |         |
| Lead, with pregnancy ..... | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| Tri-nitro-toluene .....    | ...                       | 1  | 1     | ...        | 1  | ...  | ... |         |
| Totals .....               | 2                         | 6  | 8     | 2          | 6  | ...  | ... |         |

TABLE XIII.—VARIOUS.

| DISEASES                              | Cases treated during 1916 |     |       | Discharged |     | Died |     | REMARKS |
|---------------------------------------|---------------------------|-----|-------|------------|-----|------|-----|---------|
|                                       | M.                        | F.  | Total | M.         | F.  | M.   | F.  |         |
| 1. P. U. O. ....                      | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 2. Erythema nodosum.....              | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 3. Erythema following use of linament | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 4. Fractured ribs .....               | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 5. Asthenia .....                     | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 6. Tuberculous elbow .....            | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 7. Whitlow .....                      | ...                       | 1   | 1     | ...        | 1   | ...  | ... |         |
| 8. Primary optic atrophy .....        | 1                         | ... | 1     | 1          | ... | ...  | ... |         |
| 9. ? Cause .....                      | 2                         | ... | 2     | 2          | ... | ...  | ... |         |
| Totals .....                          | 6                         | 4   | 10    | 6          | 4   | ...  | ... |         |



## Part II.—CASE INDEX.

TABLE I.

### GENERAL INFECTIVE DISEASES INCLUDING ACUTE SPECIFICS.

#### 1. ENTERIC FEVER.

##### *Uncomplicated :*

Poynton—Male, 2829, 1447.  
Bolton—Male, 2818.  
Martin—Female, 3765.  
Shaw—Female, 4088.

##### *Complicated with :*

##### *Paratyphoid :*

Martin—Male, 1190.  
Bolton—Female, 3397/15.

##### *Carrier :*

Bradford—Female, 2087.

#### 2. DIPHTHERIA.

##### A. *Faucial :*

##### *Uncomplicated :*

Bradford—Male, 1836, 1729, 1921, 1499; Female, 1691, 2143.  
Shaw—Male, 110, 3657; Female, 637, 98, 125.  
Poynton—Male, 989, 1061; Female, 1061, 898, 942, 2780  
(*post-mortem*).

Bradford—Female, 1520.  
Martin—Male, 3507; Female, 4239/15.

##### *Complicated with :*

##### *Bronchitis :*

Shaw—Female, 349.

##### B. *Laryngeal :*

##### *With tracheotomy :*

Bradford—Male, 2930 (*post-mortem* 143).  
Martin—Female, 3059.  
Poynton—Female, 5035 (*post-mortem* 2), 2780 (*post-mortem* 137).

##### C. *Nasal :*

Poynton—Male, 66.

#### 3. CATARRHAL LARYNGITIS.

Bradford—Male, 1849.  
Poynton—Female, 3746.

## 4. INFECTIVE ARTHRITIS (RHEUMATIC).

A. *Acute* :1. *Uncomplicated* :

Martin—Male, 3958/15; Female, 3810/15.

Bolton—Female, 371, 3010.

2. *With mitral disease* :

Bradford—Male, 2125.

Poynton—Male, 3665.

Shaw—Female, 748, 1127.

B. *Subacute* :*With mitral disease* :

Martin—Female, 2628.

Bolton—Female, 2636, 1829.

C. *Gonococcal arthritis* :

Poynton—Male, 349.

## 5. OSTEO-ARTHRITIS.

Martin—Female, 3743.

## 6. RHEUMATOID ARTHRITIS.

A. *Subacute* :

Bradford—Male, 2465.

Martin—Female, 2834.

B. *Chronic* :

Bradford—Female, 3457, 703.

Shaw—Male, 2043; Female, 1840.

Poynton—Male, 3876; Female, 198.

*With double mitral* :

Shaw—Female, 85.

## 7. PYÆMIA.

Bradford—Male, 812, 1137.

Martin—Male, 2110/15.

## 8. DYSENTERY.

Poynton—Male, 3961/15.

Bradford—Male, 4762.

## 9. MALARIA.

Martin—Male, 4185.

## 10. PERTUSSIS.

Bolton—Female, 2046.

## 11. MORBILLI.

Shaw—Male, 2373.

Bolton—Female, 2175.

## 12. INFLUENZA.

Martin—Male, 3141, 1060; Female, 2200, 770.



## 13. CONGENITAL SYPHILIS.

Shaw—Male, 4113/15.

*Syphilitic glaucous tissue:*

Shaw—1668.

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TABLE II.  
TUBERCULOSIS.

## 1. CHRONIC PULMONARY.

A. *Early tuberculosis:*1. *With bacilli:*

Bradford—Female, 3259.

Shaw—Male, 4241/15, 4037.

2. *? Early disease:*

Bradford—Male, 3304, 513, 275; Female, 1516, 3553, 3721.

Martin—Male, 1348, 4426, 4352, 4031.

Poynton—Male, 2856; Female, 2876, 2561.

Shaw—Male, 1541, 2180, 2044, 3069; Female, 548, 1578,  
1711.

Bolton—Female, 1669.

B. *Advanced:*1. *With consolidation:*Bradford—Male, 1504, 3724, 4319, 387; Female, 3799,  
1802, 126.

Martin—Male, 852, 4062; Female, 1048, 2365.

Shaw—Male, 1692, 2218; Female, 1665.

Poynton—Male, 2892, 2962, 3006, 2667, 4060/15, 3890.

2. *With fibrosis:*

Bradford—Male, 4224.

3. *Fibrosis and cavitation:*Bradford—Male, 3389/15, 3584, 3422, 4092, 4808, 128;  
Female, 278, 3302, 509 (no *post-mortem*), 4172, 4186.Martin—Male, 1321 (*post-mortem* 86), 1078 (no *post-mortem*).Poynton—Male, 2252, 2542 (*post-mortem* 140), 4188/15;  
4315/15 (no *post-mortem*), 4175/15, 377 (*post-mortem* 34);  
Female, 3755, 2235.Shaw—Female, 1797 (*post-mortem* 164), 1607, 3366/15 (no  
*post-mortem*).4. *With laryngitis:*

Bradford—Male, 175; Female, 130.

Martin—Female, 801, 1355.

Shaw—Female, 3511/15.

5. *With tuberculous peritonitis:*Bradford—Female, 1939 (*post-mortem* 153).Shaw—Male, 2242 (no *post-mortem*).

1. CHRONIC PULMONARY (*continued*).6. *With meningitis*:

Martin—Male, 981 (no *post-mortem*).

7. *With double mitral*:

Shaw—Female, 4172/15.

## 2. ACUTE MILIARY TUBERCULOSIS.

Bolton—Male, 4560 (*post-mortem* 209), 1973 (*post-mortem* 144), 450 (*post-mortem* 27); Female, 2215 (*post-mortem* 124), 2771 (*post-mortem* 139), 2249 (*post-mortem* 126), 1598 (*post-mortem* 95).

## 3. TUBERCULOUS PERITONITIS.

*Chronic*:*Ascitic*:

Bradford—Male, 687 and Johnson, 1934 and Johnson, 865 and Johnson, 391 and Johnson; Female, 623 and Johnson.

Bolton—Male, 2292 and Williams; Female, 3953/15.

*Glandular*:

Martin—Female, 1602.

Poynton—Female, 2188.

Bolton—Male, 3590/15 (no *post-mortem*), 190, 658 (*post-mortem* 90), and Johnson; Female, 1142, 2122.

*? Tuberculous peritonitis*:

Bolton—Male, 1714, 876; Female, 1514, 1679.

## 4. GENITO-URINARY TUBERCULOSIS.

Bradford—Male, 4187/15.

## 5. SPINAL CARIES.

Bradford—Male, 3035/15.

Bolton—Female, 979.

## 6. TUBERCULOUS ADENITIS.

Shaw—Female, 4040/15, 4064, 4528.

Poynton—Female, 3669/15.

Bolton—Female, 427.

## 7. TUBERCULOUS ABSCESS OF RIBS.

Martin—Male, 808.

## 8. ? TUBERCULOUS DACHYLITIS.

Poynton—Male, 3013.

## 9. ? TUBERCULOUS ENTERITIS.

Martin—Female, 721.

Bolton—Female, 2997.



TABLE III.

# CONSTITUTIONAL, METABOLIC, AND DISEASES OF THE DUCTLESS GLANDS.

## 1. THYROID.

*Graves's disease:*

Martin—Female, 36.  
Shaw—Female, 2882.  
Poynton—Female, 3147.

*Myxædema:*

Martin—Female, 4399.

## 2. CONSTITUTIONAL DISEASES PRODUCING SKELETAL CHANGES.

*Rickets:*

Bolton—Female, 2511.

*Infantilism:*

Shaw—Male, 3814.

## 3. DISORDERS OF NUTRITION.

*Marasmus:*

Bolton—Male, 1493 (*post-mortem* 85), 4532 (no *post-mortem*), 3526, 938 (*post-mortem* 54); Female, 4563 (*post-mortem* 207), 3783, 354 (*post-mortem* 39), 1332 (*post-mortem* 82).

Poynton—Female, 2178, 4182.

## 4. GOUT.

Martin—Male, 1733.

## 5. DIABETES.

*Uncomplicated:*

Bradford—Male, 2806, 263, 1099.  
Poynton—Male, 552; Female, 807.

*Complicated:**Coma:*

Bradford—Male, 4759 (*post-mortem* 199).

*Peripheral neuritis:*

Martin—Male, 308.

*Pulmonary tuberculosis:*

Martin—Male, 2182 (*post-mortem* 122).

*Gangrene of foot:*

Martin—Male, 3802.

TABLE IV.

## DISEASES OF THE ALIMENTARY TRACT.

## 1. DISEASES OF TONSILS.

*Follicular tonsillitis:*

Bradford—Male, 4499; Female, 1467.  
Shaw—Male, 3660.

*Parenchymatous tonsillitis:*

Martin—Male, 2803 and Tilley.

## 2. CARCINOMA OF ŒSOPHAGUS.

Martin—Male, 843 (*post-mortem* 56).  
Shaw—Male, 2437, 3398, 4481 and Johnson.

## 3. DISORDERS OF STOMACH.

*Gastralgia (neuroses):*

Bradford—Male, 3898, 4527, 4272, 3428; Female, 4084/15,  
4321/15, 892, 663, 1140, 1593, 3216, 3212, 3387, 2195, 3817,  
3871, 3722.  
Martin—Male, 2370, 1054; Female, 53, 4139, 4001.  
Poynton—Female, 1667, 1518, 2673, 722.  
Shaw—Male, 4863; Female, 725, 386, 1801.

*Gastric irritation:*

Bolton—Female, 1797.

*Chronic gastritis:*

Bradford—Male, 1239, 3226, 3780, 46; Female, 1512.  
Martin—Male, 266.  
Shaw—Male, 219; Female, 2987, 4526.  
Poynton—Male, 54, 2560.

*Spasmodic hour-glass:*

Bradford—Female, 2889, 3228.

*Gastric dilatation:*

Bradford—Male, 3214, 1725, 3704.  
Martin—Male, 635.

*Pyloric stenosis:*

Bradford—Male, 2905 and Johnson (*no post-mortem*);  
Female, 470.  
Martin—Male, 1152 and Johnson, 1353.

*? Hypertrophic pyloric stenosis:*

Bolton—Female, 3023.

*Gastric ulcer:**Uncomplicated:*

Bradford—Male, 1150, 1453, 1718, 2198, 2456, 1633, 1614/15,  
687; Female, 1799, 4265, 4729, 3992, 310.  
Shaw—Male, 2433; Female, 458.  
Poynton—Female, 531.

*With hæmatemesis:*

Bradford—Female, 2639, 2907.  
Shaw—Male, 586; Female, 260 (*post-mortem* 22).



3. DISORDERS OF STOMACH (*continued*).*With hæmatemesis and melæna:*

Martin—Female, 4240/15, 3266.

*Hour-glass stomach:*

Bradford—Female, 907 and Johnson, 3200.

Martin—Female, 877 (*post-mortem* 55).

*? Ulcer:*

Martin—Female, 2014.

Shaw—Male, 2965.

*? Recurrent ulcer following operation for perforated gastric.*

Poynton—Male, 1976.

*Pain after gastro-enterostomy:*

Bradford—Male, 3770.

*Carcinoma ventriculi:*

Bradford—Male, 969; Female, 1037 (*post-mortem* 61) and Martin 4319/15.

Shaw—Male, 762, 3590.

Martin—Male, 2003.

Poynton—Male, 2088 (*post-mortem* 130), 1318 (*post-mortem* 81); Female, 100.

*Treated by operation:*

Bradford—Male, 3824 and Johnson, 4162 and Johnson.

Martin—Male, 4185/15 and Johnson.

Poynton—Male, 2789 and Johnson, 1342 and Johnson (*no post-mortem*).

*? Carcinoma:*

Poynton—Female, 1478.

*Gastroptosis:*

Bradford—Female, 1071, 222.

Martin—Female, 827.

## 4. ACUTE GASTRO-ENTERITIS.

Bradford—Female, 2654.

Shaw—Male, 2974.

Bolton—Male, 3098; Female, 4178, 4163, 587, 2671.

## 5. DUODENAL ULCER.

*Uncomplicated:*

Bradford—Male, 2068, 443 and Johnson, 2808, 543, 2239 and Johnson.

Shaw, Male, 741.

*With hæmatemesis and melæna:*

Bradford—Male, 979 (*post-mortem* 91).

*? Duodenal ulcer:*

Bradford—Male, 3344.

## 6. APPENDICITIS.

*Not requiring immediate operation:*

Bradford—Female, 1059.

6. APPENDICITIS (*continued*).*Requiring operation:*

- Bradford—Female, 26 and Johnson.  
 Martin—Male, 3017 and Williams; Female, 4597 and Williams.  
 Shaw—Male, 546 and Johnson, 454 and Davis; Female, 4176/15 and Johnson.  
 Bolton—Female, 2202 and Johnson.

*? Appendicitis:*

- Poynton—Male, 2918.

## 7. CONSTIPATION.

- Bradford—Female, 4316, 1947, 3867/15.  
 Martin—Male, 2830, 1175, 3462.  
 Poynton—Male, 304, 3905, 2969.  
 Shaw—Female, 890.  
 Bolton—Male, 3464; Female, 2904, 3254, 2224.

## 8. MALIGNANT DISEASE OF THE BOWEL.

*Carcinoma of colon:*

- Bradford—Male, 1764 (*post-mortem* 109); Female, 2522 and Johnson, 3205 and Johnson.  
 Poynton—Male, 1419 (*post-mortem* 98) and Johnson.

*Carcinoma of rectum:*

- Poynton—Male, 3771.

*? Carcinoma of colon:*

- Shaw—Female, 1247.

## 9. COLITIS.

*Mucous:*

- Bradford—Male, 3303; Female, 2237, 129.  
 Bolton—Male, 1032; Female, 191.

*Ulcerative:*

- Bradford—Female, 4094/15 (*post-mortem* 17).  
 Martin—Female, 2850 (*post-mortem* 152).  
 Bolton—Male, 4141.

## 10. ENTERITIS.

- Bolton—Male, 3723, 4070.

## 11. CYST IN SMALL INTESTINE.

- Bolton—Female, 4170/15 (*post-mortem* 2).

## 12. INTESTINAL COLIC.

- Bradford—Male, 4390.  
 Bolton—Male, 4085, 1586.

## 13. HELMINTHIASIS.

- Bradford—Male, 4652.



## TABLE V.

DISEASES OF THE LIVER, GALL-PASSAGES, SPLEEN,  
PERITONEUM AND PANCREAS.

## 1. JAUNDICE.

*Catarrhal:*

Bradford—Female, 3872.

Martin—Female, 2983.

Bolton—Female, 3870.

*Obstructive:**? Cause:*

Poynton—Male, 1263; Female, 1880.

*Acholuria:*

Poynton—Male, 2545; Female, 2169, 1394.

## 2. CHOLECYSTITIS.

Martin—Male, 1761.

## 3. CHOLELITHIASIS.

*Uncomplicated:*

Bradford—Male, 1539 and Johnson; Female, 3674, 52 and Johnson.

Martin—Female, 656 and Johnson.

*With cholecystitis:*

Martin—Male, 2975 and Johnson.

Poynton—Male, 3587.

Shaw—Female, 1674 and Trotter.

*? Cholelithiasis:*

Martin—Female, 2778.

## 4. CIRRHOSIS OF LIVER.

A. *Multilobular:*

Shaw—Male, 2700.

Bradford—Female, 3351 (*post-mortem* 178).B. *? Syphilitic cirrhosis:*

Martin—Male, 2190.

Bolton—Male, 3708.

## 5. CARCINOMA OF LIVER.

Bradford—Male, 3213 (*post-mortem* 166).

Shaw—Male, 1650.

Martin—Male, 4533 (*post-mortem* 191).

## 6. SPLENOMEGALY. ? CAUSE.

Bradford—Male, 5.

## 7. PERITONEUM.

*Malignant disease:*

Poynton—Male, 1167.  
Bradford—Female, 428.

*Hydatid of:*

Bradford—Female, 4680.

*Chronic peritonitis:*

Martin—Female, 3768.

*Abscess with general peritonitis:*

Bradford—Female, 4413 (*post-mortem* 194).

## 8. PANCREAS.

*Carcinoma:*

Martin—Male, 1632 (*post-mortem* 99).  
Shaw—Male, 3509 and 4382 and Johnson.

*? Carcinoma of:*

Bradford—Male, 2828.

## 9. CARCINOMA OF BILE DUCT.

Poynton—Male, 4568 (*post-mortem* 1).

## 10. CONGENITAL STENOSIS OF BILE DUCTS.

Bolton—Male, 379 (*post-mortem* 32).

## TABLE VI.

DISEASES OF THE RESPIRATORY SYSTEM AND  
MEDIASTINUM.

## 1. LOBAR PNEUMONIA.

*Uncomplicated:*

Bradford—Male, 1454; Female, 1410, 55, 1704.  
Martin—Female, 913.  
Shaw—Male, 1255; Female, 3211.  
Poynton—Female, 620, 2937, 2726, 3402.  
Bolton—Male, 3822, 2012, 3899; Female, 1322, 1204, 4039

*Complicated with:**Empyema:*

Poynton—Male, 3675.  
Bolton—688 (*no post-mortem*), 363 and Williams.

*Pleural effusion:*

Martin—Male, 1210 (*post-mortem* 67).  
Shaw—Male, 971.



## 2. BRONCHO-PNEUMONIA.

*Uncomplicated:*

Martin—Female, 97.

Shaw—Male, 3530.

Bolton—Male, 342 (*post-mortem* 31), 1178, 2809, 2676, 47, 1562, 3488, 264, 4634, 4665, 4797, 4578, 3282, 325, 1132, 1311, 3558, 870, 1828 (*post-mortem* 103), 5009 (no *post-mortem*); Female, 4531, (*post-mortem* 187), 2932, 5010, 152, 91, 4576, 2248, 4807, 4266/15, 79, 90, 2773, 4811, 1316 (*post-mortem* 75), 1796 (*post-mortem* 99).

*Complicated with:**Pericarditis and peritonitis:*Bradford—Female, 1334 (*post-mortem* 80).

## 3. ASTHMA.

Shaw—Male, 2460.

Bolton—Male, 1470.

Poynton—Female, 3150.

## 4. BRONCHITIS.

*Chronic:**Uncomplicated:*

Bradford—Male, 4482, 727.

Shaw—Female, 4385.

Poynton—Male, 1834.

*With asthma:*

Shaw—Male, 4486.

## 5. EMPHYSEMA.

Martin—Male, 1202.

## 6. FIBROSIS OF THE LUNG.

Poynton—Male, 40.

## 7. BRONCHIECTASIS.

Poynton—Male, 815, 147.

## 8. PLEURISY.

*Dry:*

Bradford—Female, 1197.

Martin—Male, 2510.

Shaw—Male, 2767.

Poynton—Male, 972.

*With effusion:*

Bradford—Female, 1469.

Martin—Male, 2638.

Shaw—Male, 3285, 4173; Female, 1563, 291, 2171.

Bolton—Male, 1209; Female, 437.

*? Pleurisy:*

Martin—Male, 1580.

## 9. EMPYEMA.

Bradford—Male, 3102 and Johnson (streptothrix).  
 Shaw—Male, 1949.  
 Bolton—Male, 4623 and Williams, 32 (*post-mortem* 23).  
 Poynton—Female, 4250/15 and Davis.

## 10. MALIGNANT DISEASE OF LUNG.

*Sarcoma:*

Shaw—Male, 911 (*post-mortem* 69), 1686.

## 11. MEDIASTINAL DISEASE.

Bradford—Female, 1155.  
 Bolton—Male, 882.

*Tumour:*

Bradford—Female, 4275/15 (*post-mortem*, 8).  
 Martin—Male, 1057.

*Suppurating mediastinal cyst:*

Poynton—Male, 3841 (*post-mortem* 169).

## 12. EPITHELIOMA OF LARYNX.

Bradford—Male, 4227 and Trotter.

## 13. CATARRHAL LARYNGITIS.

Bolton—Female, 186.

## 14. ŒDEMA OF GLOTTIS.

Bolton—Male, 3157.

## 15. ACUTE ŒDEMA OF LUNGS.

Martin—Male, 1293.

## 16. GLANDS PRESSING ON BRONCHI.

Bolton—Male, 3716, 3222, 882.

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 TABLE VII.

## DISEASES OF THE KIDNEY AND GENITO-URINARY TRACT.

## 1. TUMOUR OF KIDNEY.

*Carcinoma with secondary deposits in bone:*

Shaw—Male, 3496/15 (*post-mortem* 12).

## 2. NEPHROLITHIASIS.

*? Nephrolithiasis:*

Bradford—Male, 3196.  
 Shaw—Female, 2291.



## 3. NEPHRITIS.

*Acute:*

Bradford—Male, 1030; Female, 1413.  
 Martin—Male, 4238/15.  
 Poynton—Male, 4650.  
 Bolton—Male, 1879, 4267/15.

*With pregnancy:*

Shaw—Female, 1129.  
 Bolton—Female, 3497, 2509/15.

*Subacute:*

Bradford—Female, 265.  
 Shaw—Male, 1273, 369.  
 Poynton—Male, 3688/15, 4033/15, 2211.

## 4. CHRONIC RENAL DISEASE.

A. *With hypertension:**Uncomplicated:*

Poynton—Male, 2052, 3301.  
 Martin—Male, 1821.

*Complicated with:**Anasarca:*

Bradford—Male, 3103; Female, 3588 (*post-mortem* 161).  
 Martin—Male, 4195; Female, 1676, 3787.  
 Shaw—Male, 4035/15, 1574, 1991 and 3257; Female, 2812 and 3427 (*post-mortem* 154).  
 Bolton—Female, 2201 (*post-mortem* 132).

*Anasarca, bronchitis and emphysema:*

Shaw—Male, 4108/15, 2883.  
 Poynton—Male, 326 (*no post-mortem*).

*Anasarca and uræmia:*

Martin—Female, 962 (*post-mortem* 58).

*Uræmia:*

Martin—Male, 976 (*post-mortem* 58); Female, 3138 (*no post-mortem*).  
 Poynton—Male, 3825.

*Retinitis:*

Martin—Male, 3633/15 and 298/16 (*post-mortem* 26).  
 Poynton—Male, 4649.

*Pericarditis:*

Shaw—Male 2674 (*post-mortem* 135).

B. *Chronic renal disease without hypertension:*(a) *With anasarca:*

Bradford—Male, 4182/15.  
 Shaw—Male, 826.

(b) *Without anasarca:*

Bradford—Male, 1544.  
 Shaw—Male, 3620/15 (*post-mortem* 40); Female, 1343, 2735.

4. CHRONIC RENAL DISEASE (*continued*).
  - c. *Uræmia with hemiplegia*:  
Shaw—Female, 3299.
5. ALBUMINOID KIDNEY.  
Bradford—Male, 1988.
6. PYELITIS.  
Bradford—Male, 4161.  
Shaw—Female, 540, 4581.  
Martin—Female, 3899/15.  
Poynton—Male, 1314 (no *post-mortem*); Female, 1418.
7. HYDRONEPHROSIS.  
Bradford—Male, 632; Female, 4713 and Johnson.
8. PERINEPHRITIC ABSCESS.  
Bradford—3021 and Johnson.
9. ABNORMAL URINARY SECRETIONS.  
? *Paroxysmal hæmoglobinuria*:  
Bolton—Male, 3376; Female, 4536.
10. DISEASES OF BLADDER.  
*Cystitis*:  
Poynton—Male, 2507.  
*Tuberculous cystitis*:  
Shaw—Male, 2015.
11. BACILLURIA.  
Martin—Female, 2026, 2631.  
Bolton—Male, 3418.
12. DISEASES OF PROSTATE.  
Shaw—Male, 1096.

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TABLE VIII.  
DISEASES OF THE BLOOD.

1. PERNICIOUS ANÆMIA.  
Bradford—Male, 2934; Female, 2294.  
Martin—Male, 701; Female, 1795, 3661 (*post-mortem* 162).  
Shaw—Female, 3278.  
Poynton—Male, 3335; Female, 1479, 2062, 3775.  
  
? *Pernicious anæmia*:  
Bradford—Male, 2880.  
Poynton—Female, 1062.



## 2. LEUKÆMIA.

*Spleno-medullary:*

Martin—Male, 4304/15.

Bradford—Female, 3569/15 (*post-mortem* 5).

Poynton—Female, 27.

*Lymphatic:*

Shaw—Male, 3767.

*Leucocythæmia cutis:*Shaw—Male, 3056 (*post-mortem* 181).

## 3. PURPURA.

Shaw—Female, 2179.

*Rheumatic:*

Martin—Female, 4171/15.

## 4. LYMPHADENOMA.

*Apyrexial:*

Bradford—Female, 3832.

Bolton—Male, 4559.

*Relapsing pyrexia:*

Martin—Female, 3456.

Shaw—Female, 2520, 1162.

Bolton—Male, 3873 and 4730 (*post-mortem* 208).

## 5. CHLOROMA.

Shaw—Male, 854 (*post-mortem* 60), 641 (*post-mortem* 42).

## 6. LYMPHOSARCOMA.

Shaw—Male, 1658.

## 7. SCURVY RICKETS.

Bolton—Female, 1124.

## TABLE IX.

## CARDIO-VASCULAR DISEASES.

## 1. DISEASES OF THE VEINS.

*Thrombosis superior mesenteric vein:*Bradford—Female, 3820 (*post-mortem* 177).

## 2. ARTERIO-SCLEROSIS.

*Uncomplicated:*

Bradford—Female, 742.

*Complicated with:*

2. ARTERIO-SCLEROSIS (*continued*).*Hypertension and cardiac hypertrophy:*

Shaw—Male, 761.

Poynton—Male, 1548.

*Myocardial degeneration and dilatation:*

Bradford—Male, 1558, 2019, 395 and 4201/15.

Martin—Male, 3916, 3663.

Shaw—Male, 4004, 4401 (*post-mortem* 186).*Gangrene:*

Martin—Male, 3835/15 and Johnson.

## 3. CONGENITAL MORBUS CORDIS.

Shaw—Female, 1063, 3606.

Bolton—Male, 4538 (*post-mortem* 192); Female, 3454 (*post-mortem* 155).

## 4. ABNORMALITIES OF CARDIAC RHYTHM.

*Functional tachycardia:*

Bradford—Female, 1452.

*Auricular fibrillation:*

Bradford—Male, 2461.

## 5. MITRAL REGURGITATION.

*Uncomplicated:*

Bradford—Female, 4381.

Martin—Female, 1933.

Shaw—Female, 825.

Poynton—Male, 2005.

Bolton—Male, 737.

*Complicated with:**Erythema:*

Poynton—Male, 1640.

*Bronchitis:*

Poynton—Female, 1695.

## 6. MITRAL STENOSIS.

*Uncomplicated:*

Bradford—Female, 555.

Martin—Female, 3149, 1140, 1227.

Shaw—Male, 1495 and 2636.

*Complicated with:**Respiratory conditions:*

Bradford—Female, 299.

*Auricular fibrillation:*Martin—Female, 4235/15 (*post-mortem* 14).*Pregnancy:*

Poynton—Female, 362.



## 7. DOUBLE MITRAL DISEASE.

*Uncomplicated:*

Martin—Female, 2505, 2025, 1501, 3815.

Shaw—Male, 1929, 4081; Female, 2007, 4101/15, 3310, 1596.

Poynton—Female, 824, 666, 1833, 3754 (no *post-mortem*), 1589.

*Complicated with:**Bronchitis:*

Martin—Male, 223, 4169/15, 4330/15; Female, 813.

Poynton—Female, 1117 and Bradford 380, 3866 (*post-mortem* 173).

*Pleural effusion:*

Bradford—Male, 42 (*post-mortem* 41).

Martin—Male, 4274/15; Female, 3203 and 4319.

Shaw—Male, 766 (*post-mortem* 50); 3417 and 4454 (no *post-mortem*).

Poynton—Female, 525/15, 2438/15, 2893 (no *post-mortem*).

*Nephritis:*

Martin—Male, 267.

*Cerebral embolism:*

Shaw—Female, 1683.

Poynton—Female, 189.

*Pneumonia:*

Poynton—Female, 4045/15.

*Auricular fibrillation:*

Martin—Male, 1590 and 836, 1208 (no *post-mortem*);

Female, 3906/15 and 468 (*post-mortem* 33).

Shaw—Female, 752.

## 8. AORTIC REGURGITATION.

Shaw—Male, 138.

## 9. AORTIC STENOSIS.

Bradford—Male, 2038.

## 10. DOUBLE AORTIC DISEASE.

*Uncomplicated:*

Martin—Male, 4234, 4308/15 and 434 (*post-mortem* 37), 880 (*post-mortem* 52).

Poynton—Male, 728, 902; Female, 4142/15.

*With pulmonary tuberculosis:*

Shaw—Male, 203.

## 11. AORTIC AND MITRAL DISEASE.

*Uncomplicated:*

Poynton—Male, 1091, 1451; Female, 3230.

Martin—Male, 512, 706; Female, 2559.

Shaw—Female, 4188, 3674.

11. AORTIC AND MITRAL DISEASE (*continued*).*Complicated with:**Plural effusion:*Shaw—Female, 1200 (*post-mortem* 97), 4265.

## 12. MYOCARDIAL DEGENERATION.

Shaw—Male, 4601 (*post-mortem* 195).

## 13. PERICARDITIS.

*Acute (with effusion):*

Shaw—Female, 584.

Bolton—Female, 4317/15 (*no post-mortem*), 1058.

## 14. MALIGNANT ENDOCARDITIS.

*Usual type:*

Bradford—Male, 3314/15.

Martin—Male, 3156 (*post-mortem* 188); Female, 4035/15.Shaw—Male, 2881, 3990 (*post-mortem* 180); Female, 6 (*post-mortem* 19).Poynton—Male, 2028 (*post-mortem* 128).

Bolton—Male, 618.

*? Malignant endocarditis:*

Martin—Male, 2634.

Shaw—Female, 4279/15.

## 15. ANEURISM.

*Ascending aorta:*

Bradford—Male, 4038/15.

Martin—Female, 469.

*Arch of aorta:**With sympathetic paralysis and paralysis**left side:*

Shaw—Male, 1051.

*Abdominal:*

Bradford—Male, 887.

## TABLE X.

## DISEASES OF THE NERVOUS SYSTEM.

## 1. DISEASES OF THE MENINGES.

*Tuberculous:*Shaw—Male, 2466 (*no post-mortem*).

Bradford—Female, 2547.

Bolton—Male, 206 (*post-mortem* 21), 1248 (*post-mortem* 78), 1452 (*post-mortem* 84), 4821 (*post-mortem* 205).



1. DISEASES OF THE MENINGES (*continued*).*Cerebro-spinal:*Shaw—Male, 987 (*post-mortem* 74).Bolton—Male, 616; Female, 2234 (no *post-mortem*), 1092, 2793/15.Poynton—Female, 667 (*post-mortem* 38).*Post-basic:*Bolton—Female, 3839 (*post-mortem* 174).*Pneumococcal:*Bolton—Male, 3075 (*post-mortem* 117).*? Meningitis:*

Bolton—Male, 765; Female, 3377.

## 2. DISEASES OF BRAIN.

*Vascular lesions:**Hæmorrhage:*Bradford—Male, 1793 (*post-mortem* 115).Martin—Male, 4383, 3552 (*post-mortem* 158).Shaw—Male, 3482 (*post-mortem* 168; Female, 30 (*post-mortem* 6).Poynton—Male, 631 (*post-mortem* 43).*Hemiplegia:*

Martin—Male, 3672.

Poynton—Female, 2885.

*Sinus thrombosis:*Bradford—Male, 4328 (*post-mortem* 182).

## 3. CEREBRAL AND CEREBELLAR LESIONS OF INFANCY.

*Hydrocephalus:*Bradford—Female, 1732 (*post-mortem* 102).

## 4. TUMOUR CEREBRI.

*Medullary tumour with miliary tuberculosis:*Poynton—Male, 908 (*post-mortem* 53).*Gumma:*

Poynton—Male, 2652.

Martin—Male, 447; Female, 3491.

*Glioma:*Martin—Male, 720; Female, 3250 (*post-mortem* 160).

## 5. INTRACRANIAL SYPHILIS.

*Pachymeningitis:*

Bradford—Male, 3874/15.

Poynton—Male, 3256.

## 6. DISEASES OF THE SPINAL CORD.

*Syphilitic meningo-myelitis:*

Bradford—Male, 1515.  
 Poynton—Male, 3659.

*Acute transverse myelitis:*

Bradford—Male, 1941.

*Anterior poliomyelitis:**Acute:*

Bolton—Male, 3091/15.

*Subacute:*

Bolton—Male, 3229, 306; Female, 3552.

*Progressive muscular atrophy:*

Shaw—Male, 964.  
 Poynton—Male, 3224.

*Tabes dorsalis:**Uncomplicated:*

Bradford—Male, 4222.  
 Poynton—Male, 4318; Female, 2774.  
 Shaw—Female, 131.

*Complicated with:**Empyema:*

Shaw—Male, 2127 (*post-mortem* 142).

*Disseminated sclerosis:**Usual type:*

Bradford—Male, 1289; Female, 140.  
 Shaw—Male, 1148, 1538; Female, 2041, 1875, 4022.  
 Poynton—Female, 1945.

*Disseminated syphilitic sclerosis:*

Poynton—Male, 307.

*Subacute combined degeneration of cord:*

Poynton—Female, 3775 (see also Table VIII).

*Amyotrophic lateral sclerosis:*

Shaw—Female, 103.

## 7. DISEASES OF THE NERVES.

*Peripheral neuritis:*

Shaw—Male, 294.  
 Poynton—Male, 4386; Female, 1950, 3900.

## 8. FUNCTIONAL DISEASES.

*? Epilepsy:*

Shaw—Female, 2615.  
 Bolton—Female, 2512, 323.

*Spasmodic torticollis:*

Bolton—Female, 3282.



8. FUNCTIONAL DISEASES (*continued*).*Coma. ? Cause:*

Bolton—Male, 1319.

## 9. HYSTERIA.

*General type:*

Bradford—Female, 1826.

Shaw—Female, 1600.

Poynton—Female, 457.

*With sensory changes:*

Bradford—Female, 2142.

## 10. NEURASTHENIA.

*General type:*

Bradford—Male, 1166, 4025; Female, 1412, 4428, 3887.

Martin—Female, 1474, 638.

Shaw—Male, 4079, 4569; Female, 3788, 3744.

Poynton—Male, 4036, 3198, 3218; Female, 3886.

*Traumatic and post-operative:*

Martin—Male, 4032.

Shaw—Male, 2163, 662.

*Shell-shock:*

Bradford—Male, 4625.

## 11. MYOPATHIES.

*Peroneal type:*

Poynton—Male, 2091.

## 12. MYOSITIS.

Poynton—Female, 554.

Martin—Male, 3018.

## 13. AMYOTONIA CONGENITA.

Bolton—Female, 4542 (*post-mortem* 203).

## 14. DISORDERS OF MOVEMENT.

*Chorea:**Uncomplicated:*

Poynton—Male, 760, 3907/15; Female, 2654, 3902.

Shaw—Female, 1028, 4103/15.

Bolton—Male, 660; 4143/15, 529.

*Complicated with:**Endocarditis:*

Bradford—Female, 494.

Martin—Female, 1035, 101.

Poynton—Male, 1604; Female, 106.

Bolton—Female, 1865, 4211/15, 657.

14. DISORDERS OF MOVEMENT (*continued*).*Pregnancy:*

Bradford—Female, 2506.

Martin—Female, 1130.

## 15. VASOMOTOR DISTURBANCES.

*Raynaud's disease:*

Bradford—Male, 3048 and Johnson, 4182/15.

*Migraine:*

Martin—Female, 525.

*Ménière's disease:*

Bradford—Female, 1228.

## TABLE XI.

GYNÆCOLOGICAL AND OBSTETRICAL CASES  
ADMITTED TO MEDICAL WARDS.

## 1. VAGINITIS.

Bolton—Female, 4816.

## 2. PELVIC CONGESTION.

Martin—Female, 4360.

## 3. FIBROIDS OF UTERUS.

Martin—Female, 646.

## 4. SALPINGITIS.

Martin—Female, 193.

## 5. OVARIAN TUMOURS.

Shaw—Female, 3062.

## 6. PHLEBITIS.

Shaw—Female, 4483.

## 7. MISCARRIAGE.

Shaw—Female, 2585, 2097.

## TABLE XII.

## POISONS AND CHRONIC INTOXICATIONS.

## ACUTE POISONING.

*Mercuric chloride:*

Shaw—Female, 2814.



## PTOMAINÉ POISONING.

Shaw—Male, 531.

Bradford—Male, 1763; Female, 3429.

Martin—Female, 1854, 2999.

## CHRONIC POISONING.

*Lead with pregnancy:*

Shaw—Female, 1065.

## TRI-NITRO-TOLUENE.

Poynton—Female, 4309.

## TABLE XIII.

## VARIOUS.

## 1. PYREXIA (UNKNOWN ORIGIN).

Shaw—Male, 1986.

## 2. ERYTHEMA NODOSUM.

Bradford—Female, 1279.

## 3. ERYTHEMA FOLLOWING USE OF LINIMENT.

Shaw—Female, 1531.

## 4. FRACTURED RIBS.

Shaw—Male, 95.

## 5. ASTHENIA.

Shaw—Male, 301.

## 6. TUBERCULOUS ELBOW.

Poynton—Female, 1975.

## 7. WHITLOW.

Martin—Female, 2772.

## 8. PRIMARY OPTIC ATROPHY.

Martin—Male, 4190.

## 9. ? CAUSE.

Shaw—Male, 1237.

Bolton—Male, 4141.

REPORT  
OF THE  
OBSTETRIC REGISTRAR  
FOR  
1916



## REPORT.

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THE Report is on the same lines as previous years.

TREVOR B. DAVIES,  
*Obstetric Registrar.*

## PART I.

### TABLE I.—GYNÆCOLOGICAL CASES.

#### DISEASES OF EXTERNAL GENERATIVE ORGANS.

##### *Vulvitis.*

425. Gonorrhœal. Several warts cauterized.  
 3555. Gonorrhœal in a child of 6½. Local application partially succeeded, then hymen dilated and vagina swabbed out with 1-500 perchloride of mercury. Left hospital considerably improved.

##### *Pruritus vulvæ.*

75. Diabetes mellitis present.

##### *B Bartholin's gland.*

217. Cyst excised.  
 4083. Abscess opened and drained.

##### *Cysts of labium majus and minus.*

3052. Excised.

##### *Leukoplakia of vulva.*

3380. Vulva excised.  
 3051. Carcinoma of clitoris removed by Dr. Spencer, May, 1914. Malignant gland in right groin removed and X-ray treatment employed. Extensive area of leukoplakia completely excised by Dr. Blacker.  
 3504. Palliative treatment.

##### *Biperforate hymen.*

671. Hymen split and curettage done.

##### *Complete rupture of perineum.*

Treated by perineorrhaphy—

15. 973. 128. 2143.

##### *Vaginismus.*

4673. Treated by stretching vaginal orifice.

#### DISEASES OF VAGINA.

##### *Ulceration of vagina.*

177. Septic. Similar condition two years ago. Rapid improvement with rest and douching.  
 142. Septic, secondary to ulceration in mouth. Died few hours after admission from septic pneumonia.

##### *Carcinoma of vagina.*

Recurrent nodules—

3484. After primary carcinoma of vagina. Radium treatment.  
 4944. After carcinoma of cervix. Radium treatment.

##### *Para-vaginal tumour.*

4425. Myxo-fibroma of para-vaginal connective tissue removed from below.



## DISEASES OF CERVIX.

*Cervicitis.*

- 1530. Palliative treatment.
- 2246. Palliative treatment.
- 3819. Cervix split up and curetted.

*Traumatic ulceration.*

- 1253. Due to pessary. Palliative treatment.
- 4640. Due to pessary. Palliative treatment.

*Erosion of cervix.*

- 178. Amputation of cervix.
- 1702. Portion removed for microscopic section.
- 1857. Portion removed for microscopic section.
- 4094. Portion removed for microscopic section.

*Polypi of cervix.*

## Mucous—

- 901. 4416.

## Fibro-adenomatous—

- 4518.

## Fibroid—

- 4820.

## PROLAPSE AND DISPLACEMENTS.

*Prolapse of the uterus.*

## Palliative treatment—

- 3, 698, 3280.

## Anterior colporrhaphy—

- 3281, 4271.

## Colpo-perineorrhaphy—

- 1047, 1847, 2244, 3199, 3379.

## Anterior colporrhaphy and colpo-perineorrhaphy—

- 115, 216, 497, 1082, 1503, 1805, 3143.

## Colporrhaphy and amputation of cervix—

- 2050, 4087, 4095, 4269.

## Ventral fixation and colporrhaphy—

- 331, 2902.

## Colporrhaphy and vaginal hysterectomy—

- 3818.

## Vaginal fixation—

- 961.

*Retroversion and retroflexion.*

## Palliative treatment—

- 643, 735, 1527, 3154.

## Curettage—

- 1118, 1256, 2375, 3515.

## Ventral fixation—

- 1524.

## Gilliam's operation—

- 940. With appendicectomy.

- 3813.

*Disorders of menstruation.*

## Dysmenorrhœa—

## Dilatation—

- 1446, 1918, 2504, 4208, 4639, 4796, 4814.

PROLAPSE AND DISPLACEMENTS (*continued*).

Dilatation and Pozzi's operation—

278, 1250, 1345, 1649, 1756, 3458, 3951.

Curettage—

44, 330, 1050, 1274, 2879, 3053, 4072, 4368, 4624.

Vaginal hysterectomy—

4356. Dilatation done four times.

*Bleeding at Menopause.*

Curettage—

516, 1131, 1981.

Vaginal hysterectomy—

800. Uterus perforated by dilator. Complete tear also repaired.

*Bleeding at puberty.*

111. Under-development marked.

*Carcinoma of cervix.*

(1) Treated by the extended abdominal operation.

86. Salpingo-oöphoritis present on each side.

423. Enlarged glands removed with the cellular tissue on each side.

767.

916. Done with spinal anæsthesia.

1116. Done with spinal anæsthesia.

1592.

2174. Small nodules felt in the cellular tissue proved to be "phleboliths."

2229. Mucous polypus present in the body of uterus.

3492. Done under spinal anæsthesia.

All the cases were of the "squamous-celled variety" except 3492, which was an "adeno-carcinoma."

(2) Treated by Doyen's panhysterectomy.

4138. Tubo-ovarian cysts present on each side. Double salpingo-oöphorectomy done. Body of the uterus contained a fibroid.

(3) Treated by vaginal hysterectomy.

2825. Several small subperitoneal fibroids in uterus. Query if growth began in anterior vaginal wall.

(4) Exploratory laparotomy done.

4071, 1033, 4252.

(5) Inoperable cases treated with radium.

332, 1283, 1859, 2197, 2230, 2635, 2983, 3420, 4277, 4302, 4305, 4323, 4667.

(6) Recurrent cases after extended abdominal operation.

Treated with radium.

1149, 1181, 1914, 3463, 3494, 3217.

(7) Palliative treatment.

2197, 2983, 3217.

4622. Spinal anæsthesia. Died ten minutes from onset of operation of respiratory failure. Fatty heart.

DISEASES OF THE BODY OF THE UTERUS.

*Endometritis (glandular).*

Treated by curettage.

12, 859, 886, 960, 2231, 1568, 3673, 3829, 3993, 4901.



DISEASES OF THE BODY OF THE UTERUS (*continued*).*Endometritis (senile).*

Treated by curettage.  
356, 2048, 3496, 3525.

*Polypi.*

1075. Adenomatous. Curettage.  
4599. Mucous. Curettage.

*Carcinoma of the body.*

1184. Panhysterectomy with right salpingo-oöphorectomy.  
Adeno-carcinoma.  
4096. ? Carcinoma. Refused operation.

*Fibrosis uteri.*

Treated by curettage.  
2816, 4119.  
Treated by panhysterectomy.  
1487, 2611.

*Adenomyoma of uterus.*

1277. Panhysterectomy with right ovariectomy for a cyst  
adenoma of ovary.  
2232. Doyen's panhysterectomy done.

*Fibromyomata.*

Refused operation.  
2084, 2999, 3103, 3105.  
Treated by curettage.  
867, 1046, 3991.  
Myomectomy.  
73 and 185. For subperitoneal fibroid.  
4179. Three months pregnant. Red degeneration of fibroid.  
Radium treatment.  
4277.  
Subtotal hysterectomy.  
469. Weight 2 lb. 7 oz. Hyaline degeneration. Appendicectomy.  
1405. Double salpingo-oöphorectomy also done for salpingo-oöphoritis.  
3666. Weight 2 lb. 4 oz. Left salpingo-oöphorectomy and appendicectomy.  
Panhysterectomy.  
Ordinary method—  
463. Weight 1 lb. 2 oz. Right salpingo-oöphorectomy and appendicectomy.  
Doyen's hysterectomy—  
426. Weight 2 lb. 7 oz. Hyaline degeneration.  
1116. Weight 4 lb. 12 oz. Red degeneration. Double salpingo-oöphorectomy.  
1156. Right salpingo-oöphorectomy. Weight 3 lb. 2 oz.  
1445. Weight 4 lb. 5 oz.  
1916. Weight 13 oz.  
2612. Weight 4 lb. 12 oz. Hyaline degeneration.  
3720. Weight 1 lb. 3 oz. Right salpingo-oöphorectomy.

## DISEASES OF THE FALLOPIAN TUBES.

*Salpingitis.*

Palliative treatment.

899, 1298, 1927, 2502, 3580, 4248, 4415.

• Curettage.

1278, 3156.

Salpingo-oöphorectomy.

4218. Double with curettage.

7. Double pyosalpinx and double ovarian abscess present.

577. Right salpingo-oöphorectomy, left salpingectomy, appendicectomy and hysteropexy.

4093. Right salpingo-oöphorectomy and appendicectomy.

*Tubal pregnancy.*

Acute tubal rupture.

289. Right salpingectomy.

390. Right salpingo-oöphorectomy.

Tubal mole.

668. Left salpingectomy.

• 4263. Partial salpingectomy.

Pelvic hæmatocele.

1280. Double salpingectomy. Hydrosalpinx also present.

1329. Palliative treatment.

Hæmatoma in broad ligament.

4210. Rupture of left pregnant tube into broad ligament. Tube preserved.

## DISEASES OF THE OVARY.

*Cyst adenoma.*

Cases treated by ovariectomy.

88. Left.

288. Twisted pedicle.

1158. Right. Left ovary also cystic; removed. Accumulation of fluid in the abdomen after operation necessitating tapping twice and then incision with drainage. Did well.

1076. Right.

1346. Right.

2640. Twisted pedicle.

3139. Right, twisted pedicle.

3383. Left ovariectomy.

3776. Bilateral double ovariectomy.

2823. Twisted pedicle.

3873. Partial salpingectomy of left tube also. Salpingitis.

4074. Left.

4214. Left.

4275. Twisted pedicle, left.

*Papillomatous cyst.*

814. Removal.

*Dermoid cyst.*

2887. Twisted pedicle, left ovariectomy.

517. Left ovariectomy.

4056. Solid portion of this cyst proved to be a large round-celled sarcoma.



DISEASES OF THE OVARY (*continued*).*Lutein cyst.*

619. Bilateral. Excised. Ovaries preserved.

*Suppurating ovarian cysts.*

2078. Laparotomy and posterior colpotomy.

4033. Very adherent, faecal fistula followed. Died of gangrene of the lung.

4013. Very adherent to bowel, enterectomy had to be done. Lateral anastomosis. Left salpingo-oöphorectomy and right salpingectomy. Did well.

*Lutein abscess.*

1316. Panhysterectomy with double salpingo-oöphorectomy.

2017. Double hydrosalpinx also present. Double salpingo-oöphorectomy.

*Parovarian cyst.*

4402. Twisted pedicle. Right salpingo-oöphorectomy.

*Broad ligament cyst.*

174. Left side enucleated.

*Malignant ovarian tumours.*

370. Formed a multilocular cystic tumour, microscopic section of its wall showing it to be carcinoma. (Right.) Left ovary cystic also removed.

1525. Exploratory laparotomy. Inoperable. Left inguinal colotomy done.

3062. Exploratory laparotomy. Secondary growths all over peritoneum. Ascites.

3215. Paracentesis performed for the ascites. Inoperable growth.

4603. Double ovariectomy done in October, 1916, for cystadenomata of both ovaries. Admitted with nodular masses in Douglas's pouch. Very wasted and marked bronchitis, so operation not advised.

## DISEASES OF THE PELVIC PERITONEUM AND CELLULAR TISSUE.

*Pelvic peritonitis.*

## Palliative treatment.

180, 1637, 1770, 2931, 2964, 3140, 3384, 3529, 3591, 3705.

## Exploratory laparotomy.

1663.

*Tubercular peritonitis.*

359. Palliative treatment.

1502. Laparotomy. Free fluid evacuated.

4218. Double salpingo-oöphorectomy and curettage. Tubercular endometritis present.

## DISEASES OF THE URINARY SYSTEM.

*Urethral caruncle.*

## Removal with cautery—

218, 1068, 872.

DISEASES OF THE URINARY SYSTEM (*continued*).*Stricture of urethra.*

Treated by dilatation—

123, 1944.

*Peri-urethral abscess.*

3336. Opened and cavity plugged with gauze.

*Fistulæ.*

Vesico-vaginal—

4212. Following vaginal hysterectomy for carcinoma of cervix.

Plastic operation.

Vesico-vaginal and recto-vaginal—

Following radium treatment for recurrence after Wertheim's operation. Plastic operation.

Urethro-vaginal—

3677. Plastic operation.

*Bladder.*

Carcinoma of bladder—

1765. Died fifth day after admission. Inoperable growth.

*Kidney.*

4391. Cystic swelling removed from abdomen. Arose apparently in the omentum. Microscopic section showed it to be renal in nature. Anterior colporrhaphy and colpo-perineorrhaphy also done for prolapse.

## MISCELLANEOUS DISEASES.

*Appendicitis.*

3608. Refused operation.

3887. Transferred to Surgical side.

4166. Abscess opened and drained. Appendix removed.

*Carcinoma of pylorus.*

3006. Exploratory laparotomy. Malignant peritonitis also present.

*Hernia.*

Incisional—

1351, 1381, 3904. Repair done in each case.

*Constipation.*

999, 1526, 3992.

*Fæcal fistula.*

3830. Transferred to Surgical Ward.

*Abdominal pain.*

? Cause—

959, 4397.

Following ventral fixation—

578. Exploratory laparotomy done. Nothing found.

Due to adhesions—

3054.

*Chronic bronchitis.*

3588. Transferred to Medical Ward with signs of cardiac failure.

*Carcinoma of cæcum.*

1033. Inoperable. Lateral anastomosis done.



TABLE I.

## ABDOMINAL OPERATIONS.

| Hysterectomy :—                                                                           | Cases | Deaths |
|-------------------------------------------------------------------------------------------|-------|--------|
| (1) Sub-total—                                                                            |       |        |
| Fibro-myoma ... ..                                                                        | 3     | 0      |
| (2) Total—                                                                                |       |        |
| Fibro-myoma ... ..                                                                        | 1     | 0      |
| Adeno-myoma ... ..                                                                        | 1     | 0      |
| Carcinoma of body ... ..                                                                  | 1     | 0      |
| Ovarian abscess ... ..                                                                    | 1     | 0      |
| (3) Doyen's panhysterectomy—                                                              |       |        |
| Fibro-myoma ... ..                                                                        | 7     | 0      |
| Adeno-myoma ... ..                                                                        | 1     | 0      |
| Fibrosis uteri ... ..                                                                     | 1     | 0      |
| Carcinoma of cervix ... ..                                                                | 1     | 0      |
| (4) Wertheim's operation ... ..                                                           | 10    | 0      |
| (5) Cæsarean hysterectomy ... ..                                                          | 1     | 0      |
| Myomectomy :—                                                                             |       |        |
| Fibro-myoma ... ..                                                                        | 3     | 0      |
| Salpingo-oöphorectomy, unilateral ... ..                                                  | 2     | 0      |
| "    bilateral ... ..                                                                     | 8     | 0      |
| Salpingectomy ... ..                                                                      | 4     | 0      |
| Ovariectomy, unilateral ... ..                                                            | 17    | 1      |
| "    bilateral ... ..                                                                     | 3     | 0      |
| Enucleation of broad ligament cyst ... ..                                                 | 1     | 0      |
| Cæsarean section ... ..                                                                   | 14    | 0      |
| Appendicectomy. Appendix also removed in six cases operated upon for other reasons ... .. | 2     | 0      |
| Exploratory laparotomy :—                                                                 |       |        |
| Carcinoma of cervix ... ..                                                                | 4     | 1      |
| Malignant peritonitis ... ..                                                              | 2     | 0      |
| Malignant ovarian tumour ... ..                                                           | 3     | 0      |
| Hysteropexy ... ..                                                                        | 4     | 0      |
| Ventral hernia ... ..                                                                     | 3     | 0      |
| Nephrectomy ... ..                                                                        | 1     | 0      |

## VAGINAL OPERATIONS.

| Vulva :—                                        | Cases | Deaths |
|-------------------------------------------------|-------|--------|
| Bartholin's cyst ... ..                         | 1     | 0      |
| "    abscess ... ..                             | 1     | 0      |
| Cysts :—                                        |       |        |
| Mucous cysts ... ..                             | 1     | 0      |
| Leukoplakia :—                                  |       |        |
| Excision of vulva ... ..                        | 2     | 0      |
| Removal of recurrence in inguinal glands ... .. | 1     | 0      |
| "    hymen ... ..                               | 1     | 0      |
| Vagina :—                                       |       |        |
| Vaginismus ... ..                               | 1     | 0      |
| Vaginal hysterectomy—                           |       |        |
| Prolapse ... ..                                 | 1     | 0      |

|                                            |    |     |   |
|--------------------------------------------|----|-----|---|
| Perforation of uterus ... ..               | 1  | ... | 0 |
| Cancer of cervix ... ..                    | 1  | ... | 0 |
| For dysmenorrhœa ... ..                    | 1  | ... | 0 |
| Vaginal fixation ... ..                    | 1  | ... | 0 |
| Para-vaginal tissue :—                     |    |     |   |
| Removal of myxo-fibroma ... ..             | 1  | ... | 0 |
| Urethra :—                                 |    |     |   |
| For stricture ... ..                       | 2  | ... | 0 |
| Removal of caruncle, cautery ... ..        | 3  | ... | 0 |
| Peri-urethral abscess ... ..               | 1  | ... | 0 |
| Fistulæ :—                                 |    |     |   |
| Vesico-vaginal ... ..                      | 2  | ... | 0 |
| Recto-vaginal ... ..                       | 1  | ... | 0 |
| Urethro-vaginal ... ..                     | 1  | ... | 0 |
| Perineorrhaphy :—                          |    |     |   |
| For prolapse ... ..                        | 12 | ... | 0 |
| For complete tear ... ..                   | 5  | ... | 0 |
| Colporrhaphy ... ..                        | 5  | ... | 0 |
| Cervix :—                                  |    |     |   |
| Removal of polypi, mucous ... ..           | 2  | ... | 0 |
| "    "    fibroid ... ..                   | 1  | ... | 0 |
| "    "    fibro-adenomatous ... ..         | 1  | ... | 0 |
| Amputation of cervix for prolapse ... ..   | 4  | ... | 0 |
| "    "    for erosion ... ..               | 1  | ... | 0 |
| Partial amputation for erosion ... ..      | 3  | ... | 0 |
| Cauterization ... ..                       | 3  | ... | 0 |
| Dilatation ... ..                          | 7  | ... | 0 |
| Curettage, including abortion cases ... .. | 54 | ... | 0 |
| Pozzi's operation for sterility ... ..     | 7  | ... | 0 |



## OBSTETRICAL CASES.

## ABORTION.

*Threatened.*

3777, 4810, 3750.

*Complete abortion.*

324, 3712, 3046.

*Incomplete.*

## Uterus cleared out—

179. Fifteenth week.

392. Fourteenth week.

751. Twelfth week.

1409. Eighth week.

1684. Twenty-four week.

2124. Eighth week.

2779. Fourteenth week.

*Hæmorrhage following abortion.*

## Uterus cleared out—

1264, 1989, 2143, 2524, 4255, 4685.

## Curettage—

4404.

*Hydatidiform mole.*

4174. Admitted for bleeding. Slight bleeding occurred for four weeks after admission, then labour pains came on and typical vesicles were expelled from the uterus. Uterus cleared out under an anæsthetic. The physical signs on admission were those of an ordinary pregnancy except that no ballottement could be obtained.

*Labour normal.*

## Multipara, L.O.A.

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 19.   | 261.  | 461.  | 1113. | 1243. | 1335. | 1336. | 1415. |
| 1445. | 1685. | 1961. | 2070. | 2137. | 2225. | 2549. | 2713. |
| 2804. | 2827. | 3018. | 3703. | 3970. | 4075. | 4312. | 4473. |
| 4605. | 4708. | 4710. | 4801. | 4966. |       |       |       |

## R.O.A.

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 282.  | 673.  | 821.  | 887.  | 982.  | 1275. | 1532. | 1560. |
| 1658. | 1758. | 1924. | 2212. | 2496. | 2957. | 2971. | 3003. |
| 3206. | 3272. | 3766. | 3808. | 3827. | 4221. | 4403. | 5074. |
| 5306. |       |       |       |       |       |       |       |

## Primiparæ, L.O.A.

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 214.  | 252.  | 317.  | 338.  | 502.  | 715.  | 948.  | 1087. |
| 1338. | 1791. | 1883. | 2165. | 3347. | 2511. | 2513. | 2553. |
| 2762. | 2959. | 3101. | 3270. | 3339. | 3500. | 3512. | 3513. |
| 3806. | 3878. | 4023. | 4825. | 4803. | 4850. |       |       |

## R.O.A.

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 432.  | 832.  | 991.  | 1171. | 1179. | 1443. | 1808. | 2068. |
| 2498. | 2711. | 3392. | 3394. | 3600. | 3864. | 4271. | 4513. |
| 4540. | 4671. | 4658. | 5080. |       |       |       |       |

*Forceps delivery.*

## For prolonged labour.

|      |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|
| 819. | 1241. | 1806. | 2162. | 2551. | 3099. | 4209. | 4515. |
|------|-------|-------|-------|-------|-------|-------|-------|

## After manual rotation.

|       |       |       |
|-------|-------|-------|
| 2072. | 2506. | 2994. |
|-------|-------|-------|

*Labour with contracted pelvis.**Induction by bougies.*

| Register No. | Parity | Weeks | Inter-spinous    | Inter-crystal    | Ext. Conj.      | Diag. Conj.     | Weight of Child | Result |    | Time in hours    | Notes                                               |
|--------------|--------|-------|------------------|------------------|-----------------|-----------------|-----------------|--------|----|------------------|-----------------------------------------------------|
|              |        |       |                  |                  |                 |                 | lb. oz.         | M.     | C. |                  |                                                     |
| 459          | M      | 36    | 10               | 10 $\frac{1}{4}$ | 7               | 4               | 5 6             | G.     | D. | 60               | Stillborn child<br>9th induction,<br>all done well. |
| 537          | M      | 37    | 10 $\frac{1}{2}$ | 10 $\frac{3}{4}$ | 6 $\frac{1}{8}$ | 3 $\frac{7}{8}$ | 6 4             | G.     | G. | 168              |                                                     |
| 538          | M      | 39    | 10               | 10 $\frac{1}{2}$ | 6 $\frac{3}{4}$ | 4 $\frac{3}{4}$ | 6 7             | G.     | G. | 24               | Breech presentation                                 |
| 634          | P      | 36    | 9 $\frac{1}{2}$  | 10 $\frac{1}{2}$ | 6 $\frac{7}{8}$ | 4 $\frac{1}{4}$ | 5 0             | G.     | G. | 83               | Stillborn child                                     |
| 655          | M      | 36    | 10               | 10 $\frac{1}{4}$ | 6 $\frac{1}{2}$ | 4               | 3 10            | G.     | G. | 99 $\frac{1}{2}$ |                                                     |
| 707          | M      | 36    | 9 $\frac{3}{4}$  | 10 $\frac{3}{4}$ | 7               | 4 $\frac{3}{4}$ | 5 15            | G.     | G. | 7 $\frac{1}{2}$  |                                                     |
| 834          | M      | 36    | 10               | 10 $\frac{1}{4}$ | 7               | 4               | 6 0             | G.     | D. | 72               |                                                     |
| 837          | P      | 37    | 11               | 11 $\frac{1}{2}$ | 8 $\frac{1}{4}$ | 4               | 4 10            | G.     | G. | 96               |                                                     |
| 838          | P      | 38    | 8 $\frac{1}{2}$  | 9 $\frac{1}{2}$  | 7               | 4               | 5 6             | G.     | G. | 72               |                                                     |
| 977          | P      | 39    | 10               | 11 $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 4 $\frac{3}{4}$ | 6 11            | G.     | G. | 24               |                                                     |
| 1245         | P      | 38    | 9 $\frac{1}{2}$  | 10 $\frac{1}{4}$ | 7 $\frac{1}{2}$ | 4 $\frac{3}{4}$ | 5 9             | G.     | G. | 24               |                                                     |
| 1393         | P      | 35    | 10               | 10 $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 4               | 5 6             | G.     | D. | 24               |                                                     |
| 1486         | M      | 36    | 10               | 11               | 7               | 4               | ...             | G.     | D. | 96               |                                                     |
| 1570         | M      | 36    | 10 $\frac{1}{4}$ | 10 $\frac{1}{2}$ | 7 $\frac{1}{2}$ | 3 $\frac{3}{4}$ | 5 6             | G.     | G. | 80               | Manual removal of placenta                          |
| 1648         | P      | 36    | 9                | 10 $\frac{1}{2}$ | 7               | 4 $\frac{1}{2}$ | 5 14            | G.     | G. | 8 $\frac{1}{2}$  |                                                     |
| 1657         | P      | 38    | 10               | 10 $\frac{1}{4}$ | 7               | 4 $\frac{1}{2}$ | 4 12            | G.     | G. | 164              |                                                     |
| 1931         | P      | 37    | 10               | 10               | 7               | 4               | 5 5             | G.     | G. | 220              |                                                     |
| 2010         | P      | 36    | 9 $\frac{3}{4}$  | 10 $\frac{1}{2}$ | 7 $\frac{1}{4}$ | 4 $\frac{1}{4}$ | 6 5             | G.     | G. | 48               | 8th induction                                       |
| 2134         | M      | 36    | 9                | 10               | 7               | 4               | 4 11            | G.     | G. | 96               |                                                     |
| 2135         | M      | 35    | 9 $\frac{1}{2}$  | 10 $\frac{1}{2}$ | 7 $\frac{1}{4}$ | 4               | 6 3             | G.     | G. | 24               |                                                     |
| 2764         | M      | 37    | 10               | 10 $\frac{1}{2}$ | 7               | 4 $\frac{1}{4}$ | 6 0             | G.     | G. | 22               |                                                     |
| 3262         | P      | 36    | 8                | 10               | 7 $\frac{1}{4}$ | 4               | 5 0             | G.     | G. | 38               |                                                     |
| 3274         | M      | 38    | 10 $\frac{1}{4}$ | 11               | 8               | 4 $\frac{1}{2}$ | 8 4             | G.     | G. | 96               |                                                     |
| 4220         | M      | 38    | 9                | 10               | 6 $\frac{3}{4}$ | 4               | ...             | G.     | D. | 36               | Stillborn child                                     |

*Treated by forceps delivery.*

| Register No. | Parity | Weeks | Inter-spinous    | Inter-crystal    | Ext. Conj.      | Diag. Conj.     | Weight of Child | Result |    | Notes        |
|--------------|--------|-------|------------------|------------------|-----------------|-----------------|-----------------|--------|----|--------------|
|              |        |       |                  |                  |                 |                 | lb. oz.         | M.     | C. |              |
| 5079         | P      | 40    | 10 $\frac{1}{2}$ | 11 $\frac{1}{2}$ | 8 $\frac{1}{4}$ | 4 $\frac{1}{4}$ | 6 6             | G.     | G. | Small outlet |
| 1535         | M      | 40    | 9                | 10               | 7 $\frac{1}{2}$ | 4 $\frac{1}{4}$ | 7 8             | G.     | G. |              |

*Treated by craniotomy.*

|      |   |    |                 |                  |                 |                 | lb. oz. | M. | C. |                                             |
|------|---|----|-----------------|------------------|-----------------|-----------------|---------|----|----|---------------------------------------------|
| 2164 | M | 38 | 9 $\frac{3}{4}$ | 10               | 7               | 3 $\frac{1}{2}$ | ...     | G. | D. | Died of eclampsia                           |
| 3340 | M | 40 | 9 $\frac{1}{2}$ | 10               | 7 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | ...     | D. |    |                                             |
| 3810 | M | 40 | 10              | 10 $\frac{1}{4}$ | 7 $\frac{1}{4}$ | 4               | ...     | G. |    | Prolapse of cord. Version, then perforation |



## Treated by Cæsarean section.

|      |   |    |     |     |     |     |       |    |    |                                                                            |
|------|---|----|-----|-----|-----|-----|-------|----|----|----------------------------------------------------------------------------|
| 35   | M | 39 | ... | ... | ... | ... | 6 7½  | G. | G. | Third Cæsarean section<br>First induced. No result.<br>Died of peritonitis |
| 108  | P | 36 | 9½  | 10½ | 7   | 3½  | 6 0   | D. | D. |                                                                            |
| 1126 | P | 38 | 7½  | 8   | 5½  | 3   | 4 0½  | G. | D. | A cretin, age 30                                                           |
| 1186 | M | 39 | 10¾ | 10¾ | 7½  | 4½  | 5 11½ | G. | G. | Slight hydrocephalus in child                                              |
| 1198 | M | 40 | 10½ | 10½ | 6½  | 3¾  | 5 1   | G. | G. | Third Cæsarean section<br>Mother had Tabes dorsalis                        |
| 3894 | M | 36 | 10  | 10½ | 7   | 4   | 5 6   | G. | D. |                                                                            |
| 768  | P | 40 | 11  | 11  | 7   | 3½  | 6 1¾  | G. | G. |                                                                            |
| 2187 | P | 39 | 10½ | 11½ | 7   | 4   | 7 0   | G. | G. |                                                                            |
| 2168 | M | 39 | 11  | 12  | 7   | 3½  | 5 6   | G. | G. |                                                                            |
| 3219 | M | 40 | ... | ... | ... | ... | 8 10¾ | G. | G. | Small outlet                                                               |
| 3707 | P | 40 | 9½  | 10½ | 6½  | 3¾  | 7 3½  | G. | G. |                                                                            |
| 3803 | P | 40 | 10  | 11½ | 7   | 4½  | 6 6   | G. | G. |                                                                            |
| 4324 | M | 40 | 10  | 10½ | 7   | 3¾  | 7 4   | G. | G. |                                                                            |
| 4580 | P | 40 | 8¾  | 9¾  | 6¾  | 3¾  | 6 9   | G. | G. | Myxœdema in mother                                                         |

*Labour with placenta prævia.*

| Register No. | Parity | Type    | Term    | Treatment       | Result            |
|--------------|--------|---------|---------|-----------------|-------------------|
| 221          | M      | Central | 32 wks. | Bipolar version | M. C.             |
| 885          | M      | Partial | 32 "    | De Ribe's bag   | G. D.             |
| 1074         | M      | Partial | 38 "    | Bipolar version | G. Lived 6 hours  |
| 1671         | M      | Partial | 33 "    | Bipolar version | G. D.             |
| 2514         | M      | Central | 34 "    | Bipolar version | G. Lived 18 hours |
| 3895         |        |         |         |                 | G. D.             |

*Labour with concealed accidental hæmorrhage.*

2514. Internal version done. Child extracted. Cervix torn on right side. Tear plugged, but bleeding did not cease.

*Twin pregnancy and labour.*

1187. Mother and child did well.  
1994. Mother and child did well.  
3997. Mother treated for albuminuria during her pregnancy. All did well.  
5076. Mother suffered from epilepsy. All did well.

*Breech presentation.*

504. External version done.  
38. Extended legs and arms. Child born in white asphyxia. Both did well.  
104. Extended legs.  
4656. Extended arms. Developed pneumonia day after delivery. Mother and child did well.

*Brow presentation.*

2506. Converted into vertex and delivered with forceps.  
Mother had chorea. Both did well.

*Shoulder presentation.*

1534. Impacted. Decapitation performed.

*Prolapse of cord.*

648. Child stillborn.

*Pregnancy complicated by—**Fibroids—*

1282. Palliative treatment.  
3489. Cæsarean hysterectomy done near full term.  
4179. Myomectomy done at third month of pregnancy for a subperitoneal fibroid, undergoing red degeneration. Admitted for severe abdominal pain. Patient did well.

*Displacements of the uterus—**Prolapse—*

510. Palliative treatment. Seven months pregnant. Phlebitis also in left leg.  
2208. Cervix protruding through vulva. Six months pregnant. Ring inserted.

*Retroversion—*

2055. Admitted for "retention of urine." Uterus righted itself on keeping bladder empty.

*Gonorrhœa—*

2161. Admitted at "full term" with numerous warts on the vulva. Patient went into labour a few hours after the warts were removed. Forceps delivery. Mother and child did well.  
4718. Acute vulvitis with very marked œdema. Seven months pregnant. Heart and kidneys normal. Gonococci in the discharge. Swelling rapidly subsided with rest in bed. Re-admitted later. Normal confinement and puerperium. Mother and child did well.

*Pyelitis—*

3220. Pure culture of streptococci obtained from urine. Six months pregnant. Patient discharged herself day after admission.

*Chorea—*

2506. Improved rapidly after delivery at full term.

*Pregnancy in one horn of a bicornuate uterus.*

- ? Admitted as a case of "extra-uterine gestation with symptoms of bleeding and acute abdominal pain. Laparotomy disclosed bicornuate uterus. Panhysterectomy done. Left kidney was very low down—at the level of the pelvic brim.

*Puerperium complicated by—**General peritonitis—*

119. Normal labour seventeen days before. Laparotomy done. Drainage. Death four days later. *Post-mortem*. Two ulcers found in colon which had perforated.



## Sapraemia—

212, 1391. Portion of placenta in uterus in each case.

## Following infection of a torn perineum—

## Abscess over pubes—

834. Developed three days after delivery. Opened and drained. Bare area of pubic bone felt at bottom of abscess cavity. Patient did well.

## Jacksonian epilepsy—

3795. Had been treated in O.P.D. for epilepsy for many years. Admitted fourth day after normal labour, with history of "fits." Now comatose. Forty fits before admission. *Post-mortem*. "Cavernous angioma" in right motor area with thrombosis in one part of the tumour.

## Inversion of the uterus—

225. Irregular bleeding since instrumental delivery nine months before admission. Lost a good deal of blood at the confinement. Complete inversion of uterus on examination. Replacement of the uterus occurred forty-eight hours after Aveling's repositor had been applied. Morphia necessary for the relief of pain caused by the instrument. Patient left the hospital quite well.

*Labour complicated by cardiac disease.*

362. Mitral stenosis. Bougie induction at thirty-seventh week. Manual removal of adherent placenta. Mother and child did well.

2445. Mitral stenosis. Normal labour and puerperium.

3511. Mitral stenosis. Forceps delivery. Mother and child did well.

3863. Mitral stenosis. Face presentation. Bougie induction. Normal labour. Sudden cardiac failure two days later; patient died on fourth day of puerperium.

3884. Uncompensated mitral stenosis. Rapid improvement after a normal labour.

*Eclampsia.*

633. Fits at thirty-eighth week. Easy labour three days after admission and rapid improvement afterwards. Child still-born.

1876. Patient had eight fits before labour induced with bougies. Forceps delivery. Mother and child did well.

*Epilepsy.*

3632. Normal labour. Mother and child did well.

## REPORT OF MATERNITY DISTRICT.

During the year 1,334 cases were attended—1,160 cases by students, and 170 by pupil midwives. This is exclusive of cases delivered in hospital.

In 1915, 1,567 cases were attended. The cases were made up as follows:—

|            |     |     |     |     | Multiparæ. |     | Primiparæ. |
|------------|-----|-----|-----|-----|------------|-----|------------|
| Vertex     | ... | ... | ... | ... | 1096       | ... | 181        |
| Breech     | ... | ... | ... | ... | 23         | ... | 6          |
| Face       | ... | ... | ... | ... | 2          | ... | 1          |
| Twins      | ... | ... | ... | ... | 20         | ... | 2          |
| Transverse | ... | ... | ... | ... | 1          | ... | 1          |
| Abortions  | ... | ... | ... | ... | 2          | ... | 0          |
|            |     |     |     |     | <hr/> 1143 |     | <hr/> 191  |

### MORTALITY.

*Maternal.*—Nil.

*Fætal.*—30. This includes children stillborn or dying before the tenth day, also abortions and macerated fœtuses, which numbered 10.

|            |     |     |     |     | Multiparæ. |     | Primiparæ. |
|------------|-----|-----|-----|-----|------------|-----|------------|
| Vertex     | ... | ... | ... | ... | 15         | ... | 6          |
| Twins      | ... | ... | ... | ... | 2          | ... | 0          |
| Breech     | ... | ... | ... | ... | 5          | ... | 1          |
| Transverse | ... | ... | ... | ... | 1          | ... | 0          |
|            |     |     |     |     | <hr/> 23   |     | <hr/> 7    |

*Forceps* were applied in 20 cases—16 on account of primary uterine inertia, and 4 on account of contracted pelvis.

*Prolapse of the cord* occurred twice. Cord pulseless in one case, living child in the second. Both mothers did well.

*Placenta prævia.*—Two cases, both admitted into hospital. See notes.

*Accidental hæmorrhage.*—One case. Child stillborn. Mother did well.

*Post-partum hæmorrhage.*—Twelve cases, of which four were severe and requiring manual removal of placenta. All the cases did well.

*Occipito-posterior* positions were persistent in 16 cases; 14 of these were delivered unreduced.

*Complete tear of perineum* occurred in one case.





REPORT  
OF THE  
PATHOLOGIST  
FOR  
1916



REPORT

PATHOLOGIST

1910

# REPORT OF THE PATHOLOGIST FOR 1916.

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*The numbers are those of the P.-M. Register.*

CHLOROMA: 42, 60.

CHOREA: 4.

DIABETES: 122, 145, 199.

DIPHTHERIA: 77, 137, 171.

ECLAMPSIA: 150, 170.

EPIDEMIC CEREBRO-SPINAL MENINGITIS: 38.

LEAD POISONING: 154.

LEUKÆMIA: 5, 42, 181.

MEASLES: 123.

PERNICIOUS ANÆMIA: 162.

STATUS LYMPHATICUS: 24, 185.

## PERICARDIUM.

Adhesions: 33, 41, 68, 69, 71, 86, 97, 175, 176, 188.

Carcinoma: 28, 166, 179.

Hæmorrhage: 197.

„ petechial: 4, 33, 60, 97, 148, 175, 180, 182, 188.

Hydropericardium: 4, 12, 14, 16, 18, 19, 21, 28, 30, 37, 40, 48, 50, 92, 103, 104, 107, 108, 116, 121, 128, 132, 136, 148, 154, 161, 162, 166, 168, 173, 178, 181, 186, 195, 208.

Laceration: 197.

Pericarditis: 26, 42, 45, 80, 135.

## HEART.

Atrophy: 30, 56, 57, 61, 104, 107, 160, 181, 194.

Carcinoma: 12.



HEART (*continued*).

Chloroma: 42, 60.

Coronary disease: 135, 149, 158, 179.

Dilatation: 3, 4, 5, 14, 15, 19, 21, 23, 33, 34, 37, 40, 41, 43, 50, 51, 52, 60, 80, 83, 86, 87, 90, 95, 97, 99, 110, 121, 127, 128, 135, 136, 137, 145, 147, 148, 149, 154, 168, 173, 175, 179, 180, 186, 187, 188, 195, 198, 201.

Endocarditis, acute: 1, 4, 14, 19, 20, 40, 86, 89, 128, 148, 153, 168, 175, 180, 183, 188.

„ chronic: 14, 19, 33, 37, 40, 41, 50, 52, 68, 86, 97, 106, 128, 154, 173, 175, 180, 188.

Fatty degeneration: 42, 60, 113, 147, 162.

„ infiltration: 83, 145, 146, 154, 198.

Hæmorrhage, petechial: 60, 150.

Hypertrophy: 14, 19, 26, 33, 34, 37, 40, 41, 43, 50, 52, 58, 72, 83, 97, 110, 128, 135, 136, 148, 149, 154, 158, 161, 168, 173, 180, 186, 188, 195, 201.

Malformation: 13, 155, 192.

Thrombosis: 14, 186.

Valvular incompetence, aortic: 37, 40, 52, 97, 110, 128, 168, 180, 188.

„ „ mitral: 14, 33, 37, 40, 41, 50, 52, 128, 135, 148, 186, 188.

„ stenosis, aortic: 40, 52, 97, 106, 168.

„ „ mitral: 14, 19, 33, 41, 50, 97, 154, 173, 175.

Tricuspid: 41, 97.

## ARTERIES.

Atheroma and arteriosclerosis: 10, 26, 37, 43, 58, 71, 72, 109, 110, 115, 118, 131, 135, 136, 142, 145, 149, 154, 158, 179, 195, 198, 201.

Persistent ductus arteriosus: 15, 155, 192.

Thrombosis: 182.

Transposition of aorta: 155.

## VEINS.

Atresia (portal vein): 177.

Carcinoma: 12, 99.

Sarcoma: 8.

Thrombosis: iliac: 12, 30, 116, 166.

„ inferior cava: 30.

„ internal jugular: 8, 48, 116.

„ lateral sinus: 48, 182.

VEINS (*continued*).

- „ longitudinal sinus: 182.
- „ superior mesenteric: 177.
- „ uterine: 20.
- Varicose: 135.

## LYMPHATIC GLANDS.

- Carcinoma: 12, 28, 56, 61, 73, 81, 129, 130, 166, 189, 191, 193, 204.
- Chloroma: 42.
- Leukæmia: 42.
- Lymphadenoma: 208.
- Pernicious anæmia: 162.
- Status lymphaticus: 24, 185.
- Suppuration: 120, 126, 175.
- Tubercle: 10, 21, 58, 68, 78, 80, 84, 92, 95, 107, 108, 113, 120, 124, 126, 127, 139, 144, 153, 164, 175, 209.

## SPLEEN.

- Abscess: 27.
- Amyloid: 112.
- Atrophy: 71.
- Carcinoma: 81.
- Chloroma: 42, 60.
- Infarct: 1, 19, 20, 86, 128, 168, 175, 180, 182, 188.
- Leukæmia: 5, 42.
- Lymphadenoma: 208.
- Perisplenitis and adhesions: 52, 107, 110, 116, 118, 119, 136, 153, 161.
- Pernicious anæmia: 162.
- Status lymphaticus: 24, 185.
- Syphilis: 118, 177.
- Tubercle: 21, 27, 68, 95, 108, 124, 126, 139, 144, 205, 209.

## NASAL FOSSÆ AND AIR SINUSES.

- Epistaxis: 106.
- Sinusitis: 38, 106.

## NECK.

- Cellulitis: 45.



## LARYNX.

- Carcinoma: 179.
- Diphtheria: 77, 137, 143, 171.
- Leukæmic deposits: 181.
- Œdema: 137, 157, 179.

## THYROID AND THYMUS.

- Goitre: 26, 113.
- Hypertrophy of thymus: 24, 51, 77, 185.

## TRACHEA.

- Compression: 26.
- Diphtheria: 77.
- Leukæmic deposits: 181.
- Tracheo-œsophageal fistula: 44.

## BRONCHI.

- Bronchiectasis: 59, 73, 189, 191.
- Bronchitis: 9, 44, 52, 54, 58, 78, 83, 85, 137, 145, 157, 167.
- Carcinoma: 28.
- Obstruction: 8, 99, 189, 191.
- Ulceration and perforation: 120.

## LUNGS.

- Abscess: 28, 48, 69, 111, 116, 120, 176, 183, 189, 191.
- Broncho-pneumonia: 1, 9, 13, 15, 26, 37, 66, 69, 75, 82, 87, 90, 95, 96, 99, 101, 105, 112, 115, 117, 120, 121, 129, 157, 158, 160, 185, 187, 188, 192, 203, 210.
- Carcinoma: 28, 191.
  - „ of bronchial glands: 12, 28, 130, 166, 189, 191, 193.
  - „ secondary: 12, 81, 90, 130, 166, 193.
- Chloroma: 42, 60.
- Chronic pneumonia: 14, 23, 31, 59, 108.
- Collapse: 5, 8, 9, 13, 28, 37, 40, 50, 62, 69, 96, 97, 116, 132, 135, 141, 148, 155, 194, 211.
- Emphysema: 9, 10, 31, 52, 87, 93, 95, 108, 137, 139, 140, 143, 147, 160, 172, 179, 182, 187.
- Gangrene: 15, 27, 28, 48, 189.
- Hæmorrhage: 10, 77.
  - „ petechial: 3, 182.

LUNGS (*continued*).

Infarct: 4, 14, 37, 41, 52, 137, 148, 186.

Laceration: 197.

Lobar pneumonia: 67, 80, 111, 168, 201.

Œdema: 1, 14, 15, 16, 19, 20, 26, 37, 40, 42, 52, 59, 60, 64, 71, 72, 76, 79, 80, 89, 93, 94, 98, 99, 106, 111, 112, 113, 115, 119, 120, 125, 128, 135, 136, 138, 142, 145, 147, 154, 160, 162, 172, 173, 175, 178, 180, 181, 182, 186, 198, 206.

Red induration: 14, 41, 173.

Sarcoma: 8, 69.

Suppurating bronchial glands: 120, 126, 175.

Tubercle, apical scarring: 40, 52, 65, 93, 109, 136, 167, 189.

„ acute pneumonic: 107, 108, 126, 144.

„ caseous and calcareous bronchial glands: 21, 58, 68, 84, 92, 108, 113, 120, 124, 126, 127, 139, 144, 164, 205, 209.

„ chronic: 10, 11, 30, 34, 53, 68, 86, 92, 113, 118, 122, 124, 127, 140, 142, 153, 164, 184, 204.

„ miliary: 21, 53, 84, 95, 104, 124, 126, 139, 205, 209.

## PLEURA.

Adhesions: 1, 4, 8, 10, 11, 12, 14, 16, 18, 19, 20, 21, 23, 30, 31, 33, 34, 35, 36, 37, 40, 50, 52, 53, 59, 60, 68, 69, 71, 73, 80, 83, 84, 86, 92, 93, 94, 96, 97, 103, 107, 108, 110, 112, 115, 116, 118, 120, 122, 127, 129, 131, 136, 137, 140, 144, 147, 153, 164, 166, 168, 170, 179, 181, 184, 188, 189, 191, 193, 197, 198, 204, 209, 211.

Carcinoma: 12.

„ secondary: 103.

Hæmorrhage: 18, 197.

„ petechial: 19.

Hydrothorax: 8, 14, 15, 18, 26, 37, 40, 50, 52, 69, 97, 103, 110, 116, 119, 121, 128, 135, 148, 149, 154, 161, 162, 173, 181, 186, 188, 191, 208.

Laceration: 18.

Pleurisy: 80, 94, 99, 138, 165.

„ suppurative: 23, 28, 48, 79, 96, 111, 140, 142, 147, 157, 189, 194, 202, 211.

„ with effusion: 1, 15, 41, 42, 45, 67, 208.

Pneumothorax: 30.

## MEDIASTINUM.

Carcinomatous glands: 28, 56, 73, 99, 166, 189, 191, 193.

Chronic mediastinitis: 45.

Hæmorrhage: 18.



# MEDIASTINUM (*continued*).

- Lymphadenomatous glands: 208.
- Obstruction of large veins: 8, 11.
- Sarcoma: 8.
- Suppuration: 157, 169.
- Tuberculous glands: 84, 92, 108, 120, 124, 126, 153, 164, 205.

# MOUTH AND FAUCES.

- Diphtheria: 77, 143, 171.
- Hypertrophy of tonsils: 24, 51.
- Leukæmic deposits: 181.
- Pyorrhœa alveolaris: 15.
- Tonsillitis: 19, 182.

# SALIVARY GLANDS.

- Parotitis: 16.

# PHARYNX.

- Adenoids: 51.
- Carcinoma: 179.

# ŒSOPHAGUS.

- Carcinoma: 56, 129, 179.
- Dilatation: 44, 73, 120, 133, 196.
- Diverticula: 28.
- Foreign body: 157.
- Perforation: 120, 157.
- Stricture: 44, 196.
- Tracheo-œsophageal fistula: 44.
- Ulcer: 196.

# STOMACH.

- Adhesions: 35, 41, 55, 116.
- Carcinoma: 61, 73, 81, 129, 130, 134, 151, 204.
- Chronic gastritis: 17, 35, 52, 55, 64, 73, 81, 85, 88, 97, 119, 131, 136, 148, 152, 154, 186.
- Cicatrices: 56, 64.
- Dilatation: 2, 5, 10, 12, 17, 35, 57, 64, 79, 81, 82, 83, 88, 91, 119, 120, 131, 133, 154, 161, 162, 204.
- Hæmorrhage: 12, 22, 35, 49, 73, 131, 138.
- ,, petechial: 17, 79, 161.
- Hour-glass: 55, 196, 206.
- Perforation: 88, 116, 129, 206.

STOMACH (*continued*).

Pyloric stenosis: 61, 204.

Round worm: 79.

Ulcer: 22, 35, 49, 55, 61, 81, 88, 116, 129, 131, 138, 204, 206.

## INTESTINES.

Adhesions: 16, 41, 103, 109, 116, 153.

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| 2 ... (1915)  | 4170              | 47 ..... | 720               | 92 .....       | 658               |
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| 7 .....       | 78                | 52 ..... | 88                | 97 .....       | 1200              |
| 8 ... (1915)  | 4275              | 53 ..... | 908               | 98 .....       | 1419              |
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RADIOGRAPHER'S REPORT

FOR

1916.



RADIOLABELLED REPORT

1918

# RADIOGRAPHER'S REPORT FOR 1916.

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