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KING EDWARD VII SANATORIUM MIDHURST

(FOUNDED BY H.M. KING EDWARD VII IN 1902 WITH FUNDS PROVIDED BY THE LATE SIR ERNEST CASSEL)

PRESIDENT :

HIS MAJESTY THE KING

THIRTY-FIFTH ANNUAL MEDICAL REPORT

JULY 1940 to JUNE 1941

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KING EDWARD VII SANATORIUM MIDHURST

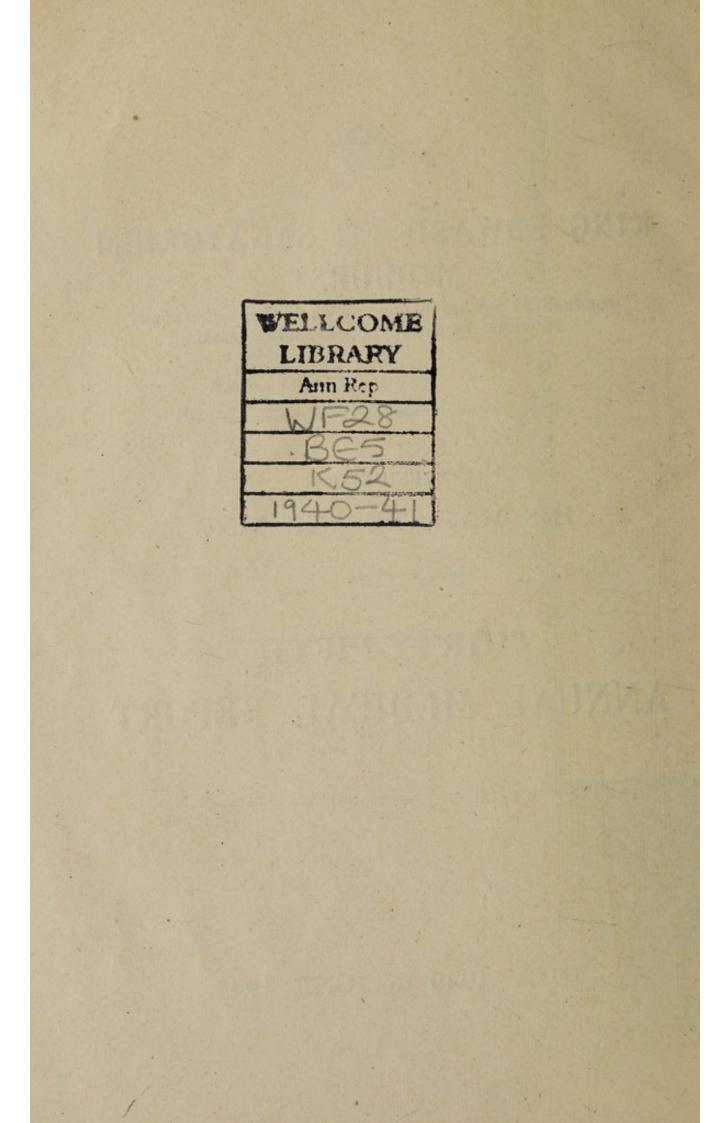
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KING EDWARD VII SANATORIUM

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> Chaplain : Rev. John H. Layton, A.K.C.

KING EDWARD VII SANATORIUM MIDHURST

Thirty=fifth Annual Medical Report JULY 1940 to JUNE 1941

DURING the period July 1st, 1940, to June 30th, 1941, 140 patients were admitted to the Sanatorium, 32 of these being readmissions.

During the same period, 124 patients were discharged, and 13 died in the Sanatorium. Of those discharged, 8 were in the Sanatorium less than nine weeks and are not followed up in the after-history records, and 27 were readmissions who are considered in a later section of the Report. The remaining 89 patients were grouped according to condition on admission, as follows :—

Group I	 	 	 15
Group II	 	 	 56
Group III	 	 	 16
Group IV	 	 	 2

(Details of the classification will be found on page 9.)

Applications for particulars of admission totalled 224, and the average waiting list was 14 for men and 11 for women.

Numerous entertainments have been provided during the year. Moving pictures have been shown twice a week during the winter and once a week in summer. Recitals were given by John Hunt, the wellknown pianist, Miss Jacynth Holland, and Mr. Gordon Brand, the last two being supported by Dr. Herington at the piano. The Easebourne Choral Society came again this year and gave a concert of Christmas Carols. All these entertainments were greatly appreciated both by the patients and the staff. We endeavour to keep the patients' minds not only away from the war as much as possible, but also from dwelling on their illness. One of the greatest difficulties in a Sanatorium is to prevent the patients talking amongst themselves about their disease, comparing their cases, and wondering why some improve more quickly than others. It has not been so easy this year to keep the library up to date, but it continues to be of great benefit to the patients.

Difficulties in regard to the Sanatorium shop are increasing. Owing to quota restrictions and rationing there is a marked decrease in the takings for the year but it is, nevertheless, still extremely useful.

Church Services were held on Sundays, with special Services on Armistice Day, etc. Holy Communion was celebrated once a week and also administered to bed patients.

The Roman Catholic Priest has again visited the Sanatorium at regular intervals to say Mass for the Catholic patients.

During the year a new Nurses' Home with all modern amenities was opened, and has proved of inestimable value.

We wish to place on record our grateful thanks to the Council and Consulting Staff for their valuable services and unfailing interest in the welfare of the Sanatorium.

We add our sincere thanks to all members of the Staff for their loyal co-operation and devotion to duty during a hard and trying year.

EMERGENCY HOSPITAL SCHEME

The number of patients admitted under the Emergency Hospital Scheme during this period was 50. Thirty were discharged and 3 died. The cases treated included empyema, lung abscess, hæmothorax, chondroma of the lung, carcinoma of the bronchus, bronchiectasis, etc. A careful record of each case is being kept, and after the cessation of hostilities, we hope to publish a section dealing fully with these cases in the Report.

GENERAL STATISTICS

The following tables show an analysis of the 89 new patients discharged during the year, under the following headings :---

- (1) Place of Residence.
- (2) Occupation.
- (3) Age and Sex.
- (4) Married or Single.
- (5) Mode of Onset of Disease.
- (6) Duration of Disease.

Place of Res	sidence		Number of Patients	Place of Res	idence	Number of Patients
London			17	Berkshire		 2
Sussex			11	Hertfordshire		 . 2
Middlesex			8	Lancashire		 2
Kent			7	Suffolk		 2
Surrey			6	Warwickshire		 1
Hampshire			6	Bedfordshire		 1
Devonshire			6	Worcestershire		 1
Buckinghamshire			3	Somerset		 1
No fixed residenc			3	Staffordshire		 1
Eire i		100	2	Cheshire		 1
Yorkshire			2	Wales		 1
Essex			2	China		 1
L35CA			1.1			
						89

TABLE I-PLACE OF RESIDENCE

TABLE II-OCCUPATION

Occu	apat	ion	Number of Patients	Occupation	Number of Patients
Housewives .			20	Schoolchildren	2
			 .8	01.0.0	1
			 4	11.1.11.000.11.1.	1
Medical Pract			 4	Navy	1
			 . 4	Surgeons	1
C1.			 . 3	Farmers	1
A CONTRACTOR OF THE OWNER			 3	Remedial Gymnasts	1
	1			Almoners	1
			 33	Grocers	1
			 3	Masseuses	1
Representativ	ves		 3	Barristers	1
Bank Official			 2.	Clergymen	1
R.A.F.			 2	Company Directors	
Accountants			 2	Surveyors	1
Conserved to the test of t			 2	Builders	1
Stockbrokers			 2	Nil	1
Merchants .			 2		
Typists .			 2	and the second second second	89

TABLE III-AGE AND SEX

		Years		25-20	Males	Females	Total
Under 20	 		 		3	1	4
20-25	 		 		8	11	19
26-30	 		 		12	5	17
31-35	 		 		12,	10	22
36-40	 		 		5	8	13
41-45	 		 		6	1 1	1
46-50	 		 		2	2	4
Over 50	 		 		2	1	3
					50	39	89

T	ABI	-	IN	17
1.4	ABI	E	1	V

Married	 	46
Single	 	43
		89
		-

TABLE Y	V-MODE	OF ONSET	OF DISEASE	E

	Mode	of Ons	set		Number of cases	Percentage
Cough				 	39	43.8
Other Modes				 	13	14.6
Pleurisy				 	12	13.5
Hæmoptysis				 	. 11	12.3
Lassitude				 	8	9.0
Influenza				 	3	3.4
Loss of Weight				 	3	3.4
				12	. 89	100.0

TABLE VI-DURATION OF DISEASE

Average Durati	on	 1 year 10 months.
Extremes		 1 week-22 years.

TABLE VII—GENERAL RESULTS OF TREATMENT AS SHOWN BY THE CONDITION OF THE PATIENTS ON ADMISSION AND ON DISCHARGE FROM THE SANATORIUM DURING THE YEAR 1940-41.

Group on Admission		Arrested	Much Improved	Improved	Stationary or Worse	Died in Sanatorium
IA IB IIA IIB IIB IIIA IIIA IIIA	$ \begin{array}{r} 13 \\ 2 \\ 28 \\ 28 \\ 28 \\ 3 \\ 21 \end{array} $	$ \begin{array}{r} 13 \\ 2 \\ 24 \\ 18 \\ 1 \\ 1 \end{array} $				
All Cases	95	59	12	13	3	8
IV definit Pulmo	ts in whom r e evidence nary Tube was found	of				

In the above table A denotes Negative Sputum, B Positive.

The percentage of patients discharged with disease arrested is 62%, as compared with 54% in the previous year. We ascribe this increase to the continued use of active treatment of various kinds in a great number of cases.

8

The number of Group IV cases is small, owing to the fact that the long waiting list allows most cases to be investigated and diagnosed before the patients' turn for admission is reached.

GROUPS

As in previous Annual Reports, the Turban-Gerhardt classification has been used to indicate the clinical condition of patients on admission. This classification, based on physical signs, is as follows :---

Group I.—Disease of slight severity, limited to small areas of one lobe on either side, which, in the case of affection of both apices, does not extend beyond the spine of the scapula or the clavicle, or, in the case of affection of the apex of one lung, does not extend below the second rib in front.

Group II.—Disease of slight severity, more extensive than Group I, but affecting at most the whole of one lobe; or severe disease extending at most to the half of one lobe.

Group III.—All cases of greater severity than Group II, and all those with considerable cavities.

By "disease of slight severity" is to be understood : disseminated toci characterised by slight dullness, indefinite rough or weak vesicular or broncho-vesicular breathing and fine medium crepitations.

By "severe disease" is meant massive infiltration, recognised by dullness, broncho-vesicular or bronchial breathing, with or without crepitations.

Cases with signs of considerable excavation, giving rise to tympanitic percussion with amphoric or cavernous breathing and numerous coarse consonating râles come under Group III.

Pleuritic dullness, if only of slight extent, is to be left out of account ; if it is considerable, pleuritis should be specially mentioned under tuberculous complications.

The following terms are used to describe the condition of patients on discharge from the Sanatorium :—

"Disease Arrested."—General health completely restored in every respect, without any sign of disease of the lungs except such as is compatible with a completely healed lesion; sputum, if still present, free from tubercle bacilli.

"Improved."—General health improved, but not restored; physical signs of disease in the lungs still present, though less marked than on admission.

"Stationary."-No appreciable improvement in the condition of the lungs or in the general condition.

"Worse."-General or local condition worse.

On Admi	ssion		On Discha	rge	
Positive		 43	Positive		 2:
Negative		 20	Negative		 3
No Sputum		 24	No Sputum		 3
Group IV		 2	Group IV		 • !
					-
		89			8
		-			-

TABLE VIIIA-DEMONSTRATION OF T.B. IN SPUTUM

In 13 cases, sputum which was T.B. Positive on admission was negative on discharge. In 11 such cases, sputum cleared up completely. In 3 cases, sputum which was T.B. Negative on admission cleared up completely. Thus, sputum condition improved in 27 cases.

TABLE VIIIB-ANALYSIS ACCORDING TO TREATMENT, OF SUCCESSFUL SPUTUM RESULTS, 1940-41.

Treatment	T.B. Positive toNegative	T.B. Positive to Nil	T.B. Negative to Nil	Total
Artificial Pneumothorax	6	52	1 5	12
Artificial Pneumothorax and Phrenic	2	2	1212	
Evulsion		2		22
Routine Extrapleural Pneumothorax	ĩ	- 10	-	1
Phrenic Evulsion and Sanocrysin Extra-Intrapleural Pneumothorax and	-	· 1,	A State of the	1
Phrenic Crush	1	T	1	1
Phrenic Evulsion Artificial Pneumothorax and Phrenic				
Crush Right Extrapleural Pneumothrax and	_	1. An and	S. Tele	1
Left Artificial Pneumothorax	1		-	1
	13	11	3	27

As before, we have made it our practice to follow up positive cases and see that they do not return to work until they are negative. They are trained in the disposal of sputum and other means for preventing the infection of others. On looking at the table, the number of patients discharged with a positive sputum may seem large, but some leave to carry on their treatment elsewhere and others go home to lead a sanatorium type of life, and thus make room for those in urgent need of active interference.

T IV WERE	
	The second secon
TABLE IX-WEIGH	

Weight		Group I	Group II	Group III	Group IV	Total	
Gained Lost No change Not weighed			8 6 1	31 22 2 2 2	$\begin{array}{c}1\\11\\1\\2\end{array}$	2	42 39 4 4
THOU WEIGHEN			15	57	15	-2	89

READMISSION CASES

Of the 124 patients discharged, 27 were readmission cases, as compared with 35 last year and 51 the year before. The following table compares the clinical condition of these cases on their previous discharge with that on their readmission.

	G	roup		Number of	Cases		
		roup		On Previous Discharge	On Readmission		
	 		 	2	3.		
I	 		 	19	20		
II	 		 	5	4		
V	 		 	. 1	-		
				27	27		

100					- T	
T		D	т.	17		
	- 84	в		-		
-		-	-		-	

As in previous years, many readmission cases returned for further active treatment and the following table shows the treatment the patient had received on the previous discharge; treatment, if any, prior to readmission; and the treatment received after readmission to the Sanatorium.

Treatment on Previous Discharge	Treatment, if any, before Readmission	Treatment after Readmission	No. of Cases
Artificial Pneumo-	Maintained	Thoracoplasty	3
rtificial Pneumo-	Maintained	Maintained and Division of Adhesions	2
Thoracoplasty	Nil	Routine	2
Artificial Pneumo- thorax	Maintained	Maintained	2
Artificial Pneumo- thorax	Maintained	Gas-replacement of fluid	1
Artificial Pneumo- thorax	Maintained	Bilateral Artificial Pneumo- thorax	1
Artificial Pneumo- thorax	Maintained	Maintained and Phrenic Evulsion	1
Thoracoplasty	Pleural Wash-outs	Drainage of Empyema space with continuous suction	1
R. Thoracoplasty and Artificial Pneumothorax	A.P. Maintained	L. Extrapleural Pneumothorax	1
Extra-Intrapleural Pneumothorax	Maintained	Thoracoplasty	1
Extrapleural Pneu- mothorax	Maintained	Bilateral Extrapleural Pneu- mothorax	1
Sanocrysin	Phrenic Evulsion	Artificial Pneumothorax and Division of Adhesions	1
Routine	Artificial Pneu- mothorax	Maintained	1
Routine	Nil	Artificial Pneumothorax	1
Routine	Thoracoplasty	Routine	1
Routine	Nil	Routine *	7

TABLE II

Group	Arrested	Much Improved	Improved	Stationary or Worse	Died in the Sanatorium	Total
	2	-	-	-		2 20
II ·	12	5	$\frac{2}{2}$	2	1-1	4
	14	5	4	3		26

TABLE III—GENERAL RESULTS OF TREATMENT OF READMISSION CASES.

REPORT OF THE THROAT DEPARTMENT

Of the 124 patients discharged during the year, the larynx of 108 was examined by Sir StClair Thomson. Definite tuberculous disease was present in 7 cases, as compared with 5 last year, while the larynx in the remaining 101 cases was found to be normal.

Of the 7 patients suffering from disease of the larynx, 1 was a thoracoplasty case and 2 were receiving artificial pneumothorax treatment. The remaining 4 patients did not receive active treatment.

It is striking to compare the decline in the last two years in which incidents of a laryngeal lesion (which always increases the gravity of a case) with the relative frequency 30 years ago. In the first five years of a Throat Service (1911–16) the percentage of throat cases was 23.96. This improvement doubtless is primarily due to the earlier recognition of the disease, and the increased confidence of the public in seeking Sanatorium treatment. It is also noteworthy that, during the last few years, the disease in the larynx has been of a milder type, yielding to general treatment with, when indicated, collapse of the lung, and not requiring any local measures, beyond voice rest. TABLE I—SHOWING THE RESULT ON DISCHARGE OF TREATMENT IN PATIENTS SUFFERING FROM TUBERCULOSIS OF THE LARYNX IN WHOSE SPUTUM TUBERCLE BACILLI WERE DEMONSTRATED IN THE SANATORIUM.

Classifica- tion	Number of Cases	Arrested	Much Improved	Improved	Stationary or Worse	Remarks
Group I	100 <u> </u>	1		_		
Group II	1		-	-	1	Since died
Group III	6	1	1	4		2 since died
Total	7	1	1	4	1	
		<i>,</i>	Ling and			

There were no negative cases this year.

ARTIFICIAL PNEUMOTHORAX

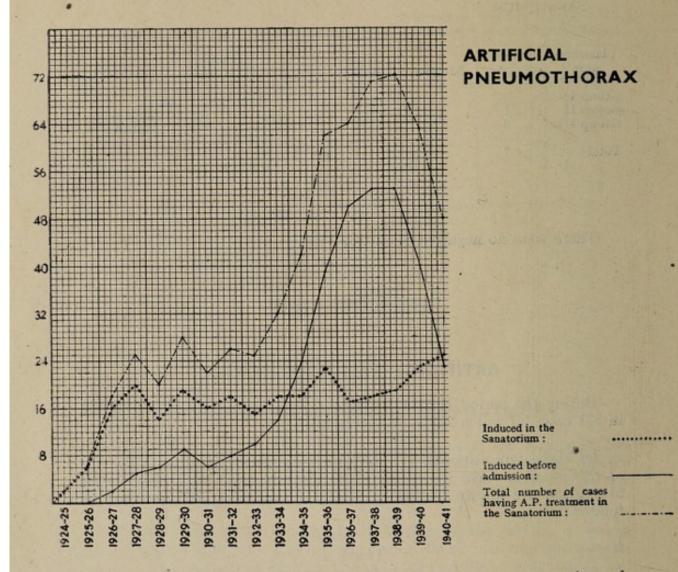
During the period 1925-40, Artificial Pneumothorax was attempted in 331 cases, of which 262 were successful.

Of these 262 patients, 173 (66%) are known to be alive. Twenty of this number have received further surgical treatment. Particulars of sputum are known in 106 cases of the remaining 153, and are as follows :—

	No Sputum	T.B. Negative	T.B. Positive	Sputum Not Tested	Total
Ceased Refills	 49	3	3	8	63
Continuing Refills	 30	9	2	2	43
	79	12	5	10	106

TABLE I

The total number of patients receiving artificial pneumothorax treatment during the year under review was 48. We again show the annual figures graphically.



Owing to the length of the waiting list, a large proportion of pneumothoraces was induced before admission, and this explains the apparently small number (25) induced in the Sanatorium.

All cases have been grouped as follows :---

- Choice I.—Cases with involvement of not more than half of one lung, with signs of activity.
- Choice II.—Cases in which the whole of one lung is affected, or the upper half of one, with slight infiltration in the other.
- Choice III.—Cases with bilateral disease, but with a possibility of benefit by a limited pneumothorax on the more active side. Cases in extremis, e.g., with hæmoptysis.

			Sputum on	Admission	Sputum on Discharge		
Classification		No Sputum or T.B. Negative	T.B. Positive	No Sputum or T.B. Negative	T.B. Positive		
Choice I			2	7	8	1	
Choice II			2	7 .	8	1	
Choice III			1	2	2	1	
All Cases			5	16	18	3	

TABLE II—AN ANALYSIS OF CASES IN WHICH ARTIFICIAL PNEUMO-THORAX WAS SUCCESSFULLY INDUCED IN THE SANATORIUM.

3 patients died in the Sanatorium.

1 patient received further active treatment.

TABLE III—AN ANALYSIS OF CASES IN WHICH ARTIFICIAL PNEUMO-THORAX WAS SUCCESSFULLY INDUCED BEFORE ADMISSION.

Sputum before Artificial Pn	e induction of eumothorax	Sputum on	Discharge
No Sputum or T.B. Negative	T.B. Positive	No Sputum or T.B. Negative	T.B. Positive
3	20	21	. 2

SANOCRYSIN

Six cases have been treated with Sanocrysin during the year under review, as compared with 19 last year. Of these, 4 ceased treatment because of various complications. These complications are in no way serious, as we always discontinue the injections if albumen appears in the urine.

We have continued our practice of previous years of commencing with a very small dose and never giving above .2 gramme per week. With each year we are becoming more convinced that the number of cases that benefit from Sanocrysin is extremely small.

SURGICAL DEPARTMENT

The following tables show the nature of the 191 operations performed this year :--

Thoracoplasty (on 31 c	ases)			63 .
Extrapleural Pneumot	horax			2
Phrenic Evulsion		· · · ·		15
Phrenic Crush				5
Thoracoscopy and Div	ision of	Adhesion	ns	35
Thoracoscopy		••••		3
Other Operations				26
Operations on E.M.S.		149 42		
in the second second				191

Bronchoscopy				 16
Operations for Emp	yema			 9
Operations for Lung	g Absce	ess	/	 6
Removal of Foreign	Body			 2
Pneumonectomy				 1
Lobectomy				 1
Other Operations				 7
				42

The number of operations performed has increased considerably in comparison with former years.

All instruments and appliances necessary to keep the theatre up to date have been added during the year.

THORACOPLASTY

AFTER-HISTORY

Of the 33 Group II and 22 Group III cases who have undergone this treatment up to the beginning of the year under review, 1 Group II and 6 Group III cases have died. The state of health of the remaining 48 cases is set out below :---

	Grou	>	410	Well and Working	Well, not Working	Fair Health	Receiving further Sanatorium Treatment
II ···· III				20 7	8 3	2 5	· 2 1
				27	11	7	- 3

No Sputum	T.B. Negative	T.B. Positive	Sputum not tested
14 *	9	9	3

	Blood Sedi Ra		Spu	tum	Degree	of Activity
Grp.	Before Operation	After Operation	Before Operation	After Operation	Before Operation	After Operation
II	3%	2%	Positive	Negative	Up to tea and dinner	Normal life
II	40%	3%	No Spec.	No Spec.	In bed	Normal life
II	11%	5%	Negative	Negative	Up to lunch, tea, dinner	Quiet life
II	25%	4%	No. Spec.	No Spec.	In bed	Quiet life
I	40%	9%	Positive	Positive	In bed	V. quiet life
u	17%	3%	Positive	Negative	Up to tea and dinner	Normal life
II	12%	8%	Negative	Negative	Up to lunch, tea, dinner	Quiet life
II	8%	3%	No Spec.	No Spec.	· In bed	Normal life
II	41%	22%	Negative	Negative	In bed	V. quiet life
II	57%	24%	Positive	Positive	In bed	Quiet life
III	50%	40%	Positive	Positive	In bed	In bed
III	50%	8%	Positive	Negative	Up to lunch, tea, dinner	Quiet life
III	6%	7%	Positive	Negative	In bed	Quiet life

CASES DISCHARGED DURING THE YEAR

3 patients died in the Sanatorium.

EXTRAPLEURAL AND EXTRA-INTRAPLEURAL PNEUMOTHORACES

AFTER-HISTORY

During the period 1937–40, Extrapleural or Extra-Intrapleural Pneumothorax was attempted in 37 cases, of which 33 were successful. Six of this number have died, and the state of health of the remaining 27 is set out below :—

Group	Well and Working	Well, not Working	Fair Health	Receiving further Sanatorium Treatment
Extrapleural Pneumo- thoraces— II III	8 1	3	1 1	=
Extra-intrapleural Pneumothoraces—		and the second		
II	6	6	A State State	24 -
III	Color The State	-		1
and states and services	15	9	2	1

	Blood Sedi Ra	and the second se	Spu	tum	Degree	of Activity
Grp.	Before Operation	After Operation	Before Operation	After Operation	Before Operation	After Operation
Extra II	pleural Pne 10%	umothorac 2%	es— Positive	Negative	Up to lunch tea, dinner	Normal life
II II	37% 10%	50% 6%	Positive Negative	Positive No Spec.	In bed Up to lunch tea, dinner	Quiet life Quiet life
II	40%	32%	Positive	Negative	In bed	V. quiet life
Extr II	a-intrapleu 18%	ral Pneumo 15%	thorax— Positive	Negative	In bed	Quiet life

CASES DISCHARGED DURING THE YEAR

2 patients died in the Sanatorium.

2 patients received further active treatment.

This year there was only I case in which Extrapleural Pneumothorax was induced before admission, the sputum being T.B. Positive before the operation and T.B. Negative on discharge from the Sanatorium.

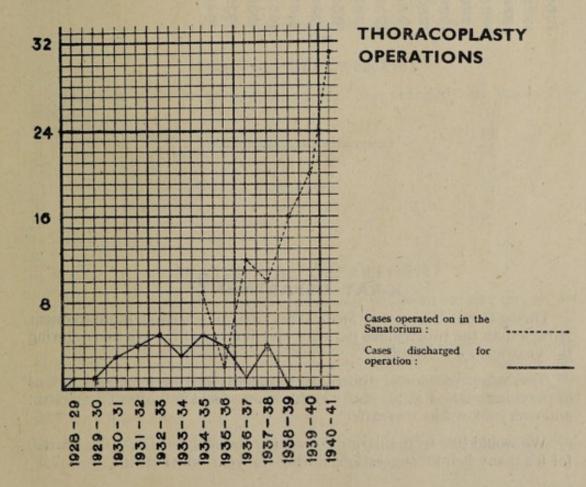
PHRENIC OPERATIONS

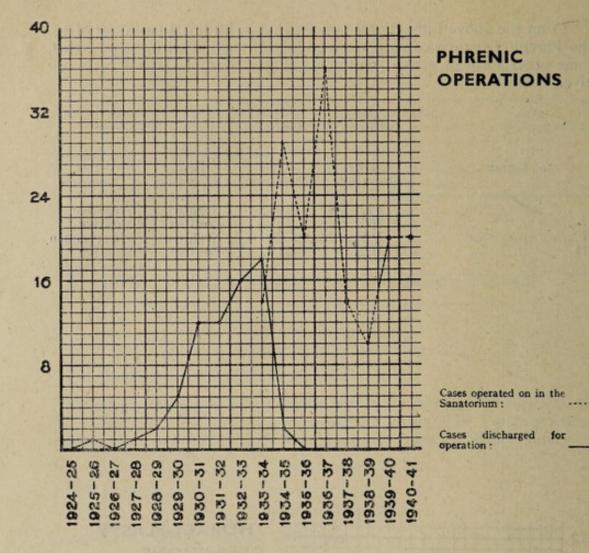
CASES DISCHARGED DURING THE YEAR

Grp.	Operation	Previous Treatment	Subsequent Treatment
I I	R. Evulsion R. Evulsion	R. Crush before Admission R. Crush before Admission	
i	L. Evulsion	-	L. Artificial Pneumothorax induced and maintained
II	R. Evulsion		_
II	R. Evulsion	R. Crush before Admission	a series and the series was the
II	R. Evulsion	R. Artificial Pneumothorax	and the second s
II	R. Evulsion	R. Artificial Pneumothorax	the second s
	and and the	induced before Admission	
II	R. Evulsion	R. Artificial Pneumothorax	R. Artificial Pneumothorax
10000		induced before Admission	maintained
II	R. Evulsion	R. Artificial Pneumothorax	R. Artificial Pneumothorax maintained
	D Coul		R. Artificial Pneumothorax
II	R. Crush	R. Artificial Pneumothorax	maintained
(R. Evulsion		maintained
П	R. Evulsion	R. Crush and R. Artificial	R. Artificial Pneumothorax
	R. Evuision	Pneumothorax before	maintained
	1999 N. 1999	Admission	
II	L. Crush	L. Artificial Pneumothorax	L. Extra-Intrapleural Pneu-
	D. Cruon	induced before Admission	mothorax
(L. Crush	1	T. These contexts
II	L. Evulsion		L. Thoracoplasty
III	L. Evulsion		-
III	R. Evulsion	R. Artificial Pneumothorax	R. Artificial Pneumothorax
		induced before Admission	maintained

From the above table it will be seen that in all but 4 cases out of 15, the Phrenic Operation was performed in conjunction with, or preceded, some other form of active treatment. Particulars of these 4 cases are given below :—

•			Blood Sedin Rat		Spu	itum
	Grou	ıp	Before Operation	After Operation	Before Operation	After, Operation
I II			 8% 38%	5% 28%	Negative Positive	Negative Positive
II III			 18% · 16%	3% 31%	Negative Positive	No specimer Positive





X-RAY DEPARTMENT

Owing to the Emergency Medical Service cases needing more frequent X-rays than the tuberculous patients, the number of X-rays taken during the year has risen steeply.

The same routine for tuberculous patients has been carried out as in previous years, *i.e.*, an X-ray is taken on admission, after one month, and every six weeks thereafter.

We would like to thank our Consulting Radiologist, Dr. J. V. Sparks, for his many helpful suggestions during the year under review.

PATHOLOGICAL DEPARTMENT

The following routine investigations were carried out during the year :---

Sedimentation Rate	s				1539
Sputum Examinatio	ons			·	1268
Urine Examinations					513
					280
Wound Swabs					141
					25
Water Examination	S				19
TH 1 CL					22
Faeces		-			30
(T) . 3.5 1					14
Cerebro-Spinal Fluid		minati	ons	1	10
			ono		77
					317
					67
Histological Examin					
Cultures for Tuberc	le Ba	cillus			205
					4527
					102.

The type of investigations performed in this department has widened considerably. In addition to the work on the tuberculous patients, many examinations have been required on the casualties and Service sick. Among the histological specimens for diagnosis have been a chondroma of the lung and a papilloma of the bronchus.

DENTAL DEPARTMENT

The following dental treatment has been carried out during the year :---

Fillings			 	140
Extractions			 	75
Root Treatment			 	3
Scaling and Gur	n Treatm	lent	 	14
Dentures			 	8
Repairs to Dent	ures		 	12

STATISTICAL DEPARTMENT

The work of the Statistical Department has been carried out on the same lines as in previous years.

The number of patients discharged from the Sanatorium up to date is 7,354. This number does not include Group IV cases, readmissions, or patients who were in residence too short a time to be included in the records. Those about whom no information could be obtained number 339, or 4.6 per cent.

The statistics of the ultimate results of the enquiry are shown in the following tables :---

TABLE Al.-STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium All cases considered together

lost sight 1491 ai		33	-	9	.5	-	12	6	1	+	4		10	-		-		• •	4 -	* *		1 00	3	2	8	-	4	6	4	3	63	0,	0	0	0	
pet Desd		104	164	169	156	172	165	132	145	161	131	159	135	139	140	137	1 20	100	197	171	002	63	69	60	78	69	60	59	45	47	31.	28	17	12	3	-
	1941	18	35	30	31.	18	21	26	25	28	19	44	30	1010	20	56	34	40	200	32	40	58	49	53	11	58	61	73	51	68	82	75	74	80	60	-
		19	35	30	31	20	21	26	25	29	19	44	40	56	50	28	34	14	38	36	41	60	50	53	73	61	62	80	53	74	86	85	83	84	1	
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	1938	21	39	35	29	21	23	27	25	30	19	49	42	12	54	21	36	49	107	38	41	63	50	54	13	69	64	19	57	19	96	83	1	i	1	
9	1937	23	39	36	33	22	25	27	25	31	20	50	46 .	80	57	28	30	42	67	41	44	20	56	61	83	76	78	98	68	91	102	1	1	1	1	
charg	1936	25	40	36	33	22	27	29	28	34	21	51	47	60	60	09	67	17	46	49	46	74	69	63	88	18	81	101	76	102	1	1	1	1	1	
r Dis	1935	25	40	38	33	22	27	29	30	38	23	53	48	65	61	62	45	10	40	44	48	75	62	99	94	88	86	112	84	1	1	1	1	1	1	
r afte	1934	26	40	38	34	25	28	29	35	39	25	57	48	88	61	64	17	62	100	46	53	76	68	69	103	104	61	611	1	1	1	1	1	1	1	
e yea	1933	26	40	39	34	29	28	29	35	40	26	60	50	2	69	92	40	P N	20	40	61	84	74	70	12	118	116	1	1	1	1	Î	1	1	1	
each successive year after Discharge	1932	28	41	39	35	29	30	50	37	41	26	63	19	74	68	69	12	100	83	69	62	68	19	81	124	24	1	1	1	1	1	1	1	1	1	
succ	1931	28	41	41	36	29	31	32	37	42	28	64	69	100	202	202	11	6.9	22	39	67	96	84	90	136	1	1	1	1	1	1	1	1	1	1	
each	1930	29	42	11	37	31	31	33	37	44	29	65	F.A.	50	64	100	- 10	010	10	64	73	101	94	104	1	1	1	1	1	1	1	1	1	1	1	-
. ii	1929	29	#	42	39	32	31	33	38	45	30	67	28	13	14	123	69	14	10	10	80	601	103	1	1	1	1	1	1	1	1	1	1	i	1	-
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: .	1925	33	52	47	48	39	40	40	47	61	38	100	200	00	000	OR			+11	671		1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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nated mber	Discl	1		-				_	-	-	193	104	212	184	198	196	197	176	165	166	128	114	101	118	155	134	195	141	100	118	116	108	16	92	63	-
Year	Dis- charge	1008/07	10/0001	00/1001	an/0001	01/6061	11/0161	1911/12	1912/13	1913/14	1914/10	1912/16	1916/11	1917/18	1918/19	1919/20	1920/21	1921/22	1922/23	1923/24	1924/25	1925/26	12/0201	1098 /90	1929/30	1930/31	1031/32	1039/33	1023/34	1034/35	1935/36	1936/37	1937/38	1938/39	1939/40	

TABLE A2.---STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium Group I considered separately

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Year of Dis-	charge	$\begin{array}{c} 1906/07\\ 1906/07\\ 1906/07\\ 1906/07\\ 1907/08\\ 1907/08\\ 1910/11\\ 1911/12\\ 1916/17\\ 1918/19\\ 1918/19\\ 1918/19\\ 1920/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1922/23\\ 1923/33\\ 1923/33\\ 1932/33\\ 1932/33\\ 1933/$

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Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group II considered separately

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	1937	11	15	77	61	12	20	14	61	30.	31	38	25	18	14	11	010	24	41	38	48	100	289	20	33	49	69	1	1	11	
harge	1936	12	15	22	61	18	22	11	17	31	31	38	26	19	15	12	11	25	45	41	00	00		E	36	55	1	1	1	1	-
Discl	1935	12	15	10	19	16	22	19	0 0	32	32	41	26	20	15	12	11	26	45	#	03	11	92	81	39	1	1	1	1	1	-
after	1934	12	15	10	13	25	22	23	0 0	34	32	42	26	21	15	14	13	28	46	48	00	00	13	86	1	1	1	1	11	1	
year	1933	12	15	10	10	1	22	53	17	37	32	44	26	21	15	10	14	31	53	20	10	20	81	1	1	1	1	1	1	1	
successive year after Discharge	1932	13	16	10	14	19	22	24	17	39	33	45	29	23	15	91	14	31	56	19	200	63	3	1	1	1	1	1	11	1	-
succe	1931	13	16	87 67	14	20	24	24	10	39	34	47	30	24	2:	1	33	33	69	22	100	8	1	1	1	1	1	1	11	1	
each :	1930	14	17	16	12	20	25	24	10	39	34	48	30	24	5		35 10	35	61	99	2	1	1	1	1	1	1	1.	11	1	-
" ii	1929	14	18	61	16	20	25	26	00	40	36	50	31	24	19		39	38	63	61		1	1	1	1	1	1	1	Í I	1	
Alive	1928	15	18	55	18	21	25	53	12	42	38	53	35.	24	53	17	43	40	99	1	11	1	1	1	1	1	Í	1	11	1	
or " ,	1927	15	19	53	16	21	25	28	12	43	38	55	39	26	53	17	20	42	1	1	1	1	1	1	1	1	1	1	11	1	
119	1926	15	22	25	18	55	25	31	12	43	36	56	42	50	12	36	22	1	1	1	1	1	1	1	1	1	1	1	11	1	
A	1925	16	52	24	19	25	28	32	14	46	41	28	43	31	31	100	31	1	1	1	1	1	1	1	1	1	1	1	11	1	
orted	1924	17	12	25	21	58	53	34	25	4	40	99	46	20 10	200	4		1	1	1	1	1	1	ļ	1	1	1	1	11	1	
er rep	2 1923	17	32	25	22	29	32	40	222	20	48	64	48	4	43			1	1	1	1	1	1	ł	1	1	1	1	11	1	
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mper		57 85		-	-	-		_		-	-	-	-			-		_		86	-		-		171		-		68	2	
Year	Dis- charge	1906/07	1908/09	01/60	1910/11	11/12	2/13	1914/15	5/16	16/17	1/18	8/18	07/ATAT	17/07	1922/23	1923/24	1924/25	26/28	17/00	8/20	1929/30	16/01	1931/32	1000/07/33	10/ 00 H	15/38	8/37	17/38	1938/39	88/40	
-	C.h.	19(190	19	191	19	101	161	191	181	181	A	AT	AT	192	192	192	191	AL.	192	192	193	195	PAT	100	198	198	193	193	193	
													1.																		

TABLE A4.--STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium Group III considered separately

14gis 18 1491 a		0	>
1941 Gt Dead			
	941	000000-040-00000-000004000-4-0-4-0	-
	940 19		-
	939 19		
	938 19:		
	-	000100100000000000000000000000000000000	
	6 1937		
large	5 1936	1000114000048055555555555555555555555555	-
Disc!	193	-000001-40000058575555554124445585	
ufter	1934	0000011000005853585415184966661100000	
ear a	1933		
each successive year after Discharge	1932	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
ccess	1931	888808132512551255125512551393333	
ch su	1930	8822222222222222222222222222222	
n ead	929	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1
/e '' in	928 1	1 1 1 1 1 2 3 5 5 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5	
" Alive	1927	8887491 - 884 - 88 - 4 8 - 8 - 8 - 8 - 8 -	
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., p	1924 1925	© 10 4 61 © 0 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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nber		38 76 75 75 75 75 75 75 75 75 75 75	-
Year ef	Dis- charge	$\begin{array}{c} 1906 \ 07\\ 1906 \ 07\\ 1907 \ 08\\ 1909 \ 10\\ 1910 \ 11\\ 1911 \ 12\\ 1911 \ 12\\ 1915 \ 16\\ 1915 \ 16\\ 1915 \ 16\\ 1915 \ 16\\ 1915 \ 16\\ 1915 \ 16\\ 1915 \ 16\\ 1912 \ 22\\ 1912 \ 23\\ 1922 \ 23\\ 1922 \ 23\\ 1922 \ 23\\ 1922 \ 23\\ 1922 \ 23\\ 1922 \ 23\\ 1923 \ 33\\ 1933 \ 33\\ 1033$	
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TABLE A5.-STATISTICS OF ULTIMATE RESULTS

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Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium All cases considered together

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trad 14	-		
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	9 194	2022 202 2022 2	-
- 59 49 1		100 110 110 110 110 110 110 110	-
	7 1938	1401166555555555555555555555555555555555	1
e	1937		1
charg	1936	111 812 8	1
Disc	1935	1 1 1 222 223 224 225 234 233 224 225 234 235 234 233 234 233 234 235 234	1
after	1934	15 24 25	1
in each successive year after Discharge	1933		1
ssive	1932		1
nccei	931	10282202322024242202222222222222222222222	1
ach s	1930 1	1111111055335533333556565655335353353335	1
ine	1929		1
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ted '	1924 1	8-22-22-22-22-22-22-22-22-22-22-22-22-22	Ī
Number reported "	1923 1	822248822222222222222222222222222222222	T
aber	22 19		-
Num	21 19		-
	1919 1920 1921 1922	884468558884469951111111111111111111111111111111111	
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1	7 1918	2844588888222	-
	1916 1917	e-9-9-6-88888888888888888888888888888888	1
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mber		255 555 555 555 555 555 555 555	50
2	s- ge	906/07 906/07 908/09 91917/18 911/12 915/16 915/16 915/16 915/16 9197/18 9197/18 9197/28 922/23 922/23 922/23 922/23 922/23 922/23 922/23 922/23 922/23 923/34 926/27 932/33 1938/36 1938/36	9/40
Year	Dis- charge	1906/07 1906/07 1906/07 1908/09 1909/10 1919/11 1911/12 1911/12 1911/12 1911/12 1911/12 1911/12 1922/23 1922/23 1922/23 1922/23 1922/23 1922/23 1922/23 1922/23 1922/23 1922/23 1922/33 1932/33 1933/36 1938/36 1938/36	1936
V	-		-

TABLE A6.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium Group I considered separately

tdgie teo 1941 mi		846140804686468468496-481-8889-000000
Der Dead		000100000000000000000000000000000000000
	1941	16 16 16 16 16 16 16 16 16 16
	1938 1939 1940 1941	17 17 17 17 17 17 17 17 17 17 17 17 17 1
	1939	522802242223333324547408 11 0 0 1 0 0 1 0
	1938	228 228 228 228 228 228 233 233 24 25 25 25 25 25 25 25 25 25 25 25 25 25
	1937	- 1 32222335662233662233662288423845366288
rge	1936	52233993233993233973375533 52233993233993233 5223399323399323 5223399323 522339932
ischa	1935	
ter D	1934	
in each successive year after Discharge	1933	
ve ye	1932	
ccessi	1931	
ch su	1930	1 1
in ead	1929	
Alive "	1928	
" Ali	1927	428382526446446446464646464646464664666666666
" or	1926	412 232 242 232 242 232 242
Well	1925	
" pat		4152 853 551 55 55 55 55 55 55 55 55 55 55 55 55
report	1923	4888884858888848691111111111111111111111111111111
Number reported	1922 1923 1924	z828282854258248844
Nun	1921	E388848181288484
	1920	#4282 8282 <t< td=""></t<>
	1919	74588504566854
	1916 1917 1918 1919 1920 1921	2888522222882855
	1917	23225555555555555555555555555555555555
		22222222222222222222222222222222222222
1.0	1508	266511133 11113 11113 11113 111111
arged		16 28 28 28 28 28 28 28 28 28 28 28 28 28
Year	Dis- charge	$\begin{array}{c} 1906/07\\ 1906/07\\ 1908/09\\ 1908/09\\ 1908/09\\ 1918/15\\ 1913/14\\ 1913/14\\ 1913/14\\ 1918/19\\ 1918/19\\ 1918/19\\ 1918/19\\ 1928/29\\ 1928/29\\ 1928/29\\ 1928/29\\ 1928/29\\ 1928/29\\ 1928/29\\ 1938/39\\ 1000000000000000000000000000000000000$

TABLE A7.-STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium Group II considered separately

	No. lost ni lo	
146 Dead	nədrau N I ni	40141-0-014000-00000000000000000-00-
	1941	6 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0
1	1940 1	
2.27	1939	
	1938	
	1937	0 0 1 0 0 0 0 1 4 8 0 0 1 2 1 8 1 2 1 1 2 1 1 8 1 2 1 1
urge	1936	
lischa	1935	01011100000000000000000000000000000000
in each successive year after Discharge	1934	8 9 9 1 4 9 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9
ear a	1933	01-01-02-02-02-02-02-02-02-02-02-02-02-02-02-
ive y	1932	«1-32866146464646466466466466466646664666646
ccess	1931	11111111120000000000000000000000000000
ch su	1930 193	88318899118912835158499901111111111111111111111111111111111
in ea	1929	400000000000000000000000000000000000000
Alive ".	1928	40.010000000000000000000000000000000000
:	1927	40-100-00-10000000-4800-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
", OI	1926	000100-00-00012-4000042
Well	1925	00400000000400000000000000000000000000
ted "	1924	4040r004rr00080808
repor	1923	404000471088800888800470000
Number reported "	1920 1921 1922 1923 1924	00140r80r8064111111111111111111111111111111111111
Nun	1921	1111111111111111886262222018814678
	1920	
	1916 1917 1918 1919	1
	1918	۲
	1917	© © 7 6 6 7 8 8 8 5 6
	1916	₩2461662F66E 10042004
	1908	46 33 35<
harged mber		$\begin{array}{c} 18\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$
Year	Dis- charge	1906/07 1906/09 1908/09 1908/09 1908/09 1910/11 1911/12 1911/12 1916/17 1915/16 1916/17 1916/17 1916/17 1916/17 1916/17 1912/18 1918/19 1928/29 1928/29 1928/29 1928/29 1928/29 1928/29 1928/29 1928/29 1928/29 1928/29 1938/31

. TABLE A8.-STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium Group III considered separately

1941 At Desc	Numb	00-0000-0848488999499008944	
	40 194		-
	1939 1940	00-000000 888 4080 8488 8488	1
	38 19	00-0000-08484288884848	1
	37 1938		1
	1937	00-000-00-004040404004000	1
harge	5 1936	00-000-00-004040400400040	T
Discharge	4 1935	00-0000-004040400400	1
after	3 1934	00-000000404040400	1
year after	1933	0	ł
sive y	1930 1931 1932	00-0000-044040404040	1
successive	1931	00-00000-0-0440454046560	1
each st		00-00000-0-044045444000-11111111	1
in ea	1929	00-0000-0-0444454040001	1
:	1928	00-00000-0-040040004000	1
" Alive	1927	00-00000-0-0400400040	1
" OI	1926	000-0100000040000	1
Well	processing with the local division of the lo	000-8-0808456804568	1
ed "	924 1	0	1
Number reported " We	923 1	00-880000044	1
ber r	922 1	00-00000004	1
Num	921	0000-00-00-00-00-00-00-00-00-00-00-0	1
	1916 1917 1918 1919 1920 1921 1922 1923 1924 1925	00	1
	1 616		1
	918 1	0	ſ
	1 716	0	1
	916 1		i
	-15 1	0101-000100401	-
harge mber	Disc	-0000-0000440-00044-000-00000000000040	*
			P# *
Year	Dis- charge	$\begin{array}{c} 1906/07\\ 1906/07\\ 1909/10\\ 1909/10\\ 1910/11\\ 1911/12\\ 1912/13\\ 1912/13\\ 1912/13\\ 1912/22\\ 1912/22\\ 1912/22\\ 1912/22\\ 1912/22\\ 1912/22\\ 1912/22\\ 1922/22\\ 1922/22\\ 1922/23\\ 1922/$	

TABLE BI.-STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

	Condition in 1940	Alive Dead Lost sight of					
	07/6261	••	111	111		21	1
	68/8861	9	111	07	01	1 1	1 3 23
	88/2861	~	-	TIT	111	32	19
	16/9861	~	4	111	111	1 23	1 20
	98/9861	9	64	111	111	11	31 5 1
	28/7861	61	9		111		23
	¥8/8861	9	- 3	-	111	1 1	10
	88/3861	0 -	~	.111	111	03 -1 50	14 6 2
	28/1861	9 -	¢1	1-1	111	13 4 1	14 9 1
	18/0861	= ² -	1.11		1	1 5	11
ar	08/6761	20 5 4	ci	-	111	13	10 10
he Ye	67/8761	1 10 -1	-		-	4 2 63	10 8
ing th	87/1261	1 - 1		-		- 0.0	1510
Discharged during the Year	1379261	1-01	9 69	*	111	6 10 61	=
large	97/9761	- 12 6	-		111		00 10
Disch	92/7261	6000	er.		1-1	0.01	120
	¥7/8261	- 00	44		-		6 12 1
	82/2261	0000	F-10	111	.111	0.01	13. 13.
	22/1261	00 10	÷ [- .	-	111	44	24 1
	12/0261	1 30	12.1	-	1-1	C 20	11 30 2
	07/6161	07-1	1 8 6	-01	111		11 36 1
	61/8161	0	4		111	10 0	36 36 3
	81/2161	- 60	10 4			- 4 -	19 32 4
	11/9161	101-1	1 10 -1	1		4.0.1	21 22 22
	91/9161	04-	-4-	111	c3	01 10	31
	£1/9061	42 65 8	24 55 24 54 1-	100	15	44 75	70 312 16
Condition on	Discharge	Disease Arrested	Much Improved	Improved	Stationary or Worse	Disease Arrested	Much Improved
Conc	-simbA nois	1 BAR	I du	Groi			п

Contraction to	and the second	the state of	and the second	1 1 100	and the second s	the second second					
Alive Dead Lost sight of	Alive Dead Lost sight of										
∞-	•• ·	-11	4		111	60	63				
é4	1-1	111	°	0		81 12 	. 93				
4-1		-		6 4	1 10 00	74 17	16				
41 %		- 1 1	- 1 - 5	5 9	80 4	75 28	103				
9	0 - 1	111	- 00	9 9	8 G	78 35 2	115				
***	01-1	~	∞ +	15 8	1 010	68 47 3	118'				
00-		111	10 00	41-	15 12 2	51 45 4	100				
F 10.3		111	61 4	0100	$\frac{1}{20}$	72 59 10	141				
==-	9 = 1	-]		96	- 12 13	61 60 4	125				
14 16 2	6 19	111	111	61 10	101	60 27	134				
14 25 1	4 14 	.111	61	1	10	71 78 6	155				
14	13 2	111	63	0 63 9	64.00 H	53 60 5	118				
80-	461	-	44	3	15	50 68 3	121				
15	c1 4	-	- 64	15.1	10	58 63 6	127				
	121	111	9.9	28 4	112	12 20	114				
811	- 01	-	0 00	27	10	35 79 4	128				
1-1	111	4 -	10 56 1	31	6	34 128 4	166				
-11	111	64 69	10 53 22	25	10 2	39 123 3	165				
-	1-1	0.0	56 22 2	3 24 	0	34 139 3	176				
10	63	-0.0	6 31.	37	∞	56 137 4	197				
01-10	63	00	30 6	32 32 1	19	49 141 6	196				
14 1		111	35 35	20	19	55 132 11	198				
	191	111	29 29	21	24 1	40 134 10	184				
1 2 1	-=-	1-1	23.0	26	252	46 158 8	212				
13	11	1-1	18 118	1 23 -	1 28 1	8 131 4 4	1653 154				
13 136 4	6 153 4	9	97 93	149 2	267 1	231 1368 54	1653				
Improved	Stationary or Worse	Disease Arrested	Much Improved	Improved	Stationary or Worse	Summary	TOTAL				
Croup III AD A Ta B											

Image: Condition on the second of t			and the second second					
II Coup I L <thl< th=""> L L <thl< td="" th<=""><td></td><td>Condition in 1940</td><td>Alive Dead Lost sight of</td><td>Alive Dead Lost sight of</td><td>Alive Dead Lost sight of</td><td>Alive Dead Lost sight of</td><td>Alive Dead Lost sight of</td><td>Alive Dead Lost sight of</td></thl<></thl<>		Condition in 1940	Alive Dead Lost sight of					
II Comp I so of the test of test	-	07/6861		-	01	111	1 1 23	4
II Comp I III IIII IIIII IIII IIIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		68/6861	26	-++	111	111	34	,∞
II Comp I I I I I Indition on III Much B I I I B </td <td></td> <td>88/4861</td> <td>22</td> <td>111</td> <td>111</td> <td>111</td> <td>33</td> <td>9 </td>		88/4861	22	111	111	111	33	9
II Goodp I Status Status Status Status III Much III IIII IIIII IIIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		18/9861	25	111	-	111	34	1 - 0
II Goodpi I Schoop I Level Level Level Level Level Level Level Level Level Discharge Discharge<		98/9861	22	67	111	111	24 1 1	110
II Count I cion I cion I cion I cion I Condition on I		98/7861	19	-	111	111	1 1	8 4 8
II Comp I I </td <td></td> <td>¥8/8861</td> <td>17</td> <td>01</td> <td>CN </td> <td>111</td> <td>10.33</td> <td>16 25 2</td>		¥8/8861	17	01	CN	111	10.33	16 25 2
II Comp I L <thl< th=""> L L <thl< td="" th<=""><td></td><td>1935/33</td><td>200</td><td> </td><td></td><td>111</td><td>16</td><td>10 00 </td></thl<></thl<>		1935/33	200			111	16	10 00
II Group I Grou I Group I Grou	1	28/1861	32	- -	111	111	13 2 1	01 01
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		08/6761	16 1 1	-		111	4.01	63
II Group I Station on II Much 1	ar	67/8761	20 3	4 1	61		44	°
II Group I Station on II Much 1	he Ye	82/1261	17.	- 2 -	- 63		- 21	. 3
II Group I Station on II Much 1	ing t	12/9361	18 4 1	111	-	-	4	21-1
II Group I Station on II Much 1	d dur	92/2261	5 28	∞ –	01		(- 10	- 01
II Group I Station on II Much 1	arge	97/ 1 761	4 35	6000			610	10
II Group I Station on II Much 1	Disch	¥2/8261	23 4	0		-		~
II Croup I sion sion II Croup I 6.0.6 1919/20 II Improved 15 1		62/2261	18	- 1000		111	co 4	111
II Croup I sion sion II Croup I 105 1920/21 II Disease 105 18 1916/17 Much 18 16 3 3 1916/17 Much 18 11 4 5 3 1916/17 Much 18 11 1 1 1 1 1 Much 18 115 18 1916/17 1 1 1 Much 28 3 29 3 29 20 21 Much 20 2 1 1 1 1 1 1 1 Much 20 2 1 1 1 1 1 1 1 Much 20 2 1 2 2 1 2 Much 20 2 1 1 1 1 1 1 1 Much		22/1261	34	01	01	111	12 6 4	
II Croup I sion sion II Much 18 1916/17 Improved 5 9 16 1916/17 Much 18 11 1916/17 16 Improved 5 9 16 1916/17 Much 18 11 1916/17 16 Improved 28 3 22 1915/19 Much 18 116 116 116 116 Much 28 3 29 11 1916/17 Much 29 1 1 1 1 1 Much 29 3 21 29 21 29 Much 20 1 2 2 2 2 2 Much 29 3 3 2 2 2 2 Much 20 1 2 2 2 2 2 2 2 Muc		12/0261	36 5 6		111	111	1-0101	117
II Croup I sion sion I Much 1		07/6161	29 29	10 00 m	4	-+-	- 10	~
II Croup I sion sion II Much 1		61/8161	352	1 6	111		15 4	21 9 4
II Croup I sion II Much 1		81/2161	32 4	10-01	- -	111	1-00 4	20
II Croup I sion II Discharge 0.06/15 Much 105 1906/15 Improved 28 11 Much 15 14 Disease 23 Arrested 28 Improved 28 Much 15 Improved 21 Much 20 Improved 29		<u>Li/9161</u>	15 4 1	00 44 61	111	111	- 00 01	6000
Condition on a Discharge Discharge Arrested I Much Improved Improved Much Improved Much Improved Much Improved Much Improved Much Improved		91/9161	18		111	111	192	1001
Condition on vior Discharge Arrested Arrested Improved Stationary Or Worse Arrested Improved Improved Arrested Arrested Arrested Arrested Improved		£1/9061	105 64 28	18 15 19	10 00 01	4 01	14 27 8	20 29
II Croup I sion	lition on	Discharge	P	Much Improved	Improved	Stationary or Worse	Disease Arrested	Much Improved
o -simbA	Cond	uois	-	and the second second	and the second second	1		II

TABLE B2.—STATISTICS OF ULTIMATE RESULTS

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Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

-	1	1	-	1	1		-
Alive Dead Lost sight of							
					111	48	50
111		111	~		111	74 4	78
	111	er	111	111	01	65	99
∞		111		-	111	5-	78
4	111	111	01			68 0 67 68	15
9	111		co	- 64	- ~	68 13 13 13	83
- 03	111	00	10 4	- 22	03 00	59 26 4	88
-	111			111	64	4 <u>6</u> 8 8 61	56
01 01	- 01		111		111	30.00	64
-	101	111	111	-	-	31 10 3	44
1 3	64	111	111	-	111	10 00 61	35
	01-1	111	111		-	40 13	53
	01	111	e1 1	111	111	33 17 5	55
~ -	111	-	-	01	111	29 10 29	41
- 01 -	-	1 5	-	- 01	111	47 16 7	70
°1 −	-				-	54 10 8	72
		c3 4	-	~	111	44 55	68
es	111	61 61		-	111	30 18 3	51
	111	- 01 00	-	+	111	53 27 13	93
		es		-	111	50	. 99
eo es	111	-	c1 4	-	111	51 20 7	78
0		-	° ° °	03	- œ	76 30 13	119
44	0101	-	01 00		111	74 31 12	117
1 5	-	111		111	TII	36 15 7	58
-	- 19 19	111	-	01		24 28 7	59
41-01	9 22	-	61 20 11	~ -		178 165 60	403
Improved	Stationary or Worse	Disease Arrested	Much Improved	Improved	Stationary or Worse	Summary	TOTAL.
Group		16.19		III dno	Gr		

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