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REPORTS
OF THE
SURGICAL REGISTRAR,
MEDICAL REGISTRARS,
OBSTETRIC REGISTRAR,
ROYAL EAR HOSPITAL REGISTRAR,
OPHTHALMIC REGISTRAR,
PATHOLOGIST, RADIOLOGIST,
AND
ANÆSTHETICS REGISTRAR
FOR
1929

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FOR

1929

LONDON

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1931

SURGICAL REGISTRAR'S REPORT

1929

PREFACE

THE Surgical Report consists of a classified table of diseases and injuries, followed by two appendices.

In the classified table the record is one of cases, not of admissions; that is to say, if a patient was admitted on more than one occasion for the same condition, only one entry is made. If the patient was admitted on different occasions for, or was found on admission to be suffering from, two or more separate conditions, then a corresponding number of entries have been made in the table.

In the first Appendix, cases are described individually. Those treated by members of the Honorary Staff are referred to by their number in the Hospital records index, those treated by the Staff of the Surgical Unit by their number in the Unit records. This year, cases treated by Mr. F. J. F. Barrington have been distinguished from those treated by the other members of the Staff of the Surgical Unit as U.B.

The radium numbers are those used in the Harker Smith Registrar's report, which is printed separately.

In the second Appendix, there are shown in tabular form cases of post-operative pulmonary infarct and venous thrombosis which occurred during the year.

C. W. FLEMMING,
Surgical Registrar.

R. M. WALKER,
Assistant, Surgical Unit.

February 19, 1930.

1929

This Report deals with 2,116 CASES treated in the surgical wards during 1929.

CLASSIFIED TABLE OF INJURIES AND DISEASES

This Table shows opposite each disease or injury the total number of cases of such disease or injury treated in the wards of the Hospital during 1929.

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
PHARYNX, NASO-PHARYNX AND LARYNX.					
Tonsils and adenoids	6	3	3	—	—
Malignant disease—					
(a) Naso-pharyngeal	4	3	—	1	—
(b) Oro pharyngeal	3	2	—	1	—
(c) Pyriform fossa	5	4	—	1	—
(d) Hypopharyngeal	1	—	1	—	—
NOSE AND ACCESSORY SINUSES.					
Injuries	1	1	—	—	—
Sinusitis	2	—	1	—	1
EAR.					
Mastoiditis	7	2	4	—	1
Malignant disease	1	—	1	—	—
LUNGS AND PLEURA: TRACHEA AND MEDIASTINA.					
Pneumothorax	1	1	—	—	—
Pleurisy	1	1	—	—	—
Empyema	25	16	6	3	—
Actinomycosis	1	—	1	—	—
Lung abscess	3	1	1	—	1
Tuberculosis	4	2	1	—	1
Abscess of chest wall	1	—	1	—	—
Pneumonia	3	2	—	1	—
Carcinoma	3	—	—	2	1
SCALP, SKULL AND BRAIN.					
Hæmatoma	3	1	2	—	—
Wounds	5	3	2	—	—
Dermoid	1	—	1	—	—
Concussion	19	18	1	—	—
Intracranial hæmorrhage	6	1	3	—	2
Fracture	4	1	2	—	1
Osteomyelitis	2	2	—	—	—
Sarcoma	1	1	—	—	—
Acquired defects	1	1	—	—	—
Cavernous sinus thrombosis	4	—	—	2	2
Cerebral abscess	1	—	—	—	1
Cerebral tumour	16	1	4	5	6
Epilepsy	2	2	—	—	—
Tuberculous meningitis	1	—	—	—	1
General paralysis	1	1	—	—	—
Mental deficiency	1	1	—	—	—

Diseases	Total	Discharged		Died		
		M.	F.	M.	F.	
GENERAL.						
No apparent disease	5	4	1	—	—	
Unexplained pyrexia.. .. .	1	1	—	—	—	
Specific fevers.. .. .	3	2	1	—	—	
NERVES.						
Injuries	7	4	3	—	—	
Neuritis	1	1	—	—	—	
Trigeminal neuralgia	10	2	8	—	—	
Neurofibromatosis	2	—	2	—	—	
Neurasthenia and hysteria	4	1	3	—	—	
SPINE AND SPINAL CORD.						
Fractures and dislocations	9	8	1	—	—	
Tuberculosis	13	7	5	—	1	
Osteomyelitis	1	—	—	—	1	
Meningitis	1	—	—	1	—	
Spina bifida	2	—	—	1	1	
JOINTS.						
Acute traumatic synovitis	6	3	3	—	—	
Acute non-suppurative arthritis	5	1	4	—	—	
Acute suppurative arthritis	7	4	3	—	—	
Tuberculosis —						
(a) Hip	5	2	3	—	—	
(b) Knee	3	3	—	—	—	
(c) Elbow	1	—	1	—	—	
(d) Sacro-iliac	6	5	1	—	—	
Rheumatoid arthritis	1	—	1	—	—	
Osteoarthritis	11	2	9	—	—	
Stiff joints following acute arthritis	1	—	1	—	—	
Neuropathic joints	5	4	1	—	—	
Wounds of joints	1	1	—	—	—	
Dislocations, traumatic	5	2	3	—	—	
Dislocations, pathological	1	1	—	—	—	
Internal derangement	13	10	3	—	—	
Cyst of external semilunar cartilage	1	1	—	—	—	
BONES.						
Periostitis	2	2	—	—	—	
Osteomyelitis	34	24	8	1	1	
Brodie's abscess	1	1	—	—	—	
Syphilis	1	—	1	—	—	
Rickets.. .. .	1	—	1	—	—	
Osteitis fibrosa	2	2	—	—	—	
Osteitis deformans	1	1	—	—	—	
Osteoma	7	1	6	—	—	
Lipoma	1	—	1	—	—	
Myeloma	1	—	1	—	—	
Secondary malignant disease	1	1	—	—	—	

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
FRACTURES, NOT COMPOUND.					
Clavicle	3	3	—	—	—
Scapula	1	1	—	—	—
Humerus	12	8	4	—	—
Radius	4	3	1	—	—
Ulna	2	1	1	—	—
Radius and ulna	5	4	1	—	—
Colles'	18	6	12	—	—
Ribs	1	1	—	—	—
Pelvis	5	4	—	1	—
Femur—					
(a) Neck	16	3	11	—	2
(b) Shaft	11	4	7	—	—
Patella	9	4	5	—	—
Tibia	8	4	3	—	1
Fibula	2	2	—	—	—
Tibia and fibula	18	9	9	—	—
Foot	4	3	1	—	—
FRACTURES, COMPOUND.					
Jaw	2	2	—	—	—
Hand	1	1	—	—	—
Femur	2	1	—	1	—
Tibia and fibula	3	3	—	—	—
Foot	1	1	—	—	—
DEFORMITIES.					
Talipes	6	5	1	—	—
Syndactyly and polydactyly	3	1	2	—	—
Due to anterior poliomyelitis	3	2	1	—	—
Flat foot	2	—	2	—	—
Pes cavus	2	1	1	—	—
Hammer toe	4	—	4	—	—
Hallux valgus	8	1	7	—	—
Hallux rigidus	1	—	1	—	—
Torticollis	2	—	2	—	—
Congenital dislocation of hip	3	1	2	—	—
Coxa vara	2	1	1	—	—
Scoliosis	1	—	1	—	—
Dupuytren's contracture	1	1	—	—	—
Contracted muscles	1	1	—	—	—
Faulty amputation stumps.. .. .	6	4	2	—	—
SKIN AND SUBCUTANEOUS TISSUE.					
Boils and carbuncles.. .. .	14	8	5	1	—
Erysipelas	3	2	1	—	—
Cellulitis and subcutaneous abscess	35	17	15	3	—
Gumma	1	—	1	—	—

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
SKIN AND SUBCUTANEOUS TISSUE (continued).					
Warts	1	1	—	—	—
Moles	3	—	3	—	—
Sebaceous cyst	2	1	1	—	—
Dermoids	3	2	1	—	—
Angioma	5	3	2	—	—
Lipoma	4	1	3	—	—
Rodent ulcer	12	5	7	—	—
Epithelioma	2	1	1	—	—
Scar—excessive contraction	1	1	—	—	—
Keloid	1	—	1	—	—
Ulcerated scar	1	1	—	—	—
Whitlow—					
(a) Subcutaneous	3	1	1	1	—
(b) Tendon sheath	2	2	—	—	—
(c) Phalangeal	1	—	1	—	—
(d) Palmar space	3	1	2	—	—
Ingrowing toe nail	1	—	1	—	—
Superficial wounds	2	1	1	—	—
Burns and scalds	9	4	2	2	1
Foreign body	2	1	1	—	—
Impetigo	1	—	1	—	—
Onychogryphosis	3	1	2	—	—
Perforating ulcer	3	2	1	—	—
MUSCLES, FASCIAE AND TENDONS.					
Injury	7	2	5	—	—
Rupture of muscle	2	2	—	—	—
Myositis	4	3	1	—	—
Ganglion	3	1	2	—	—
Tumour	5	3	2	—	—
Abscess	2	1	1	—	—
BURSÆ.					
Acute bursitis	4	—	4	—	—
Chronic bursitis	7	2	5	—	—
CARDIO-VASCULAR.					
Angina pectoris	1	—	1	—	—
Arterio-sclerosis	1	—	—	1	—
Phlebitis	2	1	1	—	—
Varicose veins	9	5	4	—	—
Aneurysm	3	—	—	3	—
Gangrene	10	4	4	1	1
Raynaud's disease	4	2	2	—	—
Blood diseases	6	3	3	—	—

Diseases						Total	Discharged		Died	
							M.	F.	M.	F.
LYMPHATIC SYSTEM.										
Chronic simple lymphadenitis	..	..				2	—	2	—	—
Tuberculous lymphadenitis..	..	..				50	19	31	—	—
Acute lymphadenitis..	..	..				30	18	12	—	—
Lymphadenoma	..	..				1	1	—	—	—
Lympho-sarcoma	..	..				1	—	—	—	1
Endothelioma	..	..				1	—	1	—	—
Secondary malignant disease	..	..				1	1	—	—	—
NECK.										
Cut throat	..	..	..	..	..	1	1	—	—	—
Dermoids	..	..	..	..	..	1	—	1	—	—
Thyroglossal cyst	..	..	..	..	..	5	1	4	—	—
Branchial cyst	..	..	..	..	..	4	3	1	—	—
Carotid body tumours	..	..	..	..	..	2	1	1	—	—
Acute thyroiditis	..	..	..	..	..	1	—	1	—	—
Colloid goitre	..	..	..	..	..	8	1	7	—	—
Localized adenoma or cyst of thyroid	..	..	..	..	..	15	2	13	—	—
Toxic goitre	..	..	..	..	..	32	—	31	—	—
Myxœdema	..	..	..	..	..	1	—	1	—	1
Carcinoma of thyroid	..	..	..	..	..	2	1	—	1	—
Cervical rib	..	..	..	..	..	2	—	2	—	—
JAW.										
Polypus	..	..	..	..	..	2	—	2	—	—
Carcinoma of gum	..	..	..	..	..	2	1	1	—	—
Alveolar abscess	..	..	..	..	..	17	11	5	1	—
Dental cyst	..	..	..	..	..	5	3	2	—	—
Myeloid epulis	..	..	..	..	..	1	—	1	—	—
Other dental conditions	..	..	..	..	..	2	—	2	—	—
Impacted wisdom teeth	..	..	..	..	..	4	3	1	—	—
Actinomycosis	..	..	..	..	..	1	1	—	—	—
TONGUE.										
Simple ulcer	..	..	..	..	..	1	1	—	—	—
Syphilis	..	..	..	..	..	1	1	—	—	—
Actinomycosis	..	..	..	..	..	1	1	—	—	—
Carcinoma	..	..	..	..	..	15	11	—	3	1
SALIVARY GLANDS AND FLOOR OF MOUTH.										
Inflammation	..	..	..	..	..	3	—	3	—	—
Salivary calculi	..	..	..	..	..	8	3	5	—	—
Parotid cyst	..	..	..	..	..	1	—	1	—	—
Parotid tumour	..	..	..	..	..	4	2	2	—	—
Carcinoma	..	..	..	..	..	2	2	—	—	—
Simple ulcer	..	..	..	..	..	1	—	1	—	—

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
FACE, LIPS, PALATE AND CHEEKS.					
Hare lip	1	1	—	—	—
Cleft palate	6	1	5	—	—
Carcinoma	16	13	2	1	—
Sarcoma	1	—	1	—	—
Nævus	1	—	1	—	—
Simple ulcer	1	1	—	—	—
ESOPHAGUS.					
Malformations and diverticula	3	3	—	—	—
Foreign body	3	1	2	—	—
Obstruction—not malignant	4	1	3	—	—
Carcinoma	16	12	—	4	—
STOMACH AND DUODENUM.					
Foreign body	1	—	1	—	—
Gastropnoxis	1	—	1	—	—
Hæmatemesis	1	—	1	—	—
Neurosis	1	—	1	—	—
Infantile pyloric stenosis	4	1	1	2	—
Gastric ulcer	34	22	9	2	1
Gastric ulcer with hæmatemesis	1	—	—	1	—
Gastric and duodenal ulcers	4	1	2	—	1
Jejunal ulcer	1	1	—	—	—
Perforated gastric ulcer	5	3	—	1	1
Carcinoma of stomach	23	11	6	2	4
Duodenal ulcer	39	27	7	4	1
Duodenal ulcer with hæmatemesis	1	1	—	—	—
Perforated duodenal ulcer	6	4	2	—	—
INTESTINES.					
Congenital deformity	2	—	1	—	1
Fæcal fistula	1	—	1	—	—
Intestinal obstruction—					
Strangulated inguinal hernia	8	3	2	3	—
Strangulated femoral hernia	3	2	1	—	—
Strangulated umbilical hernia	3	—	3	—	—
Strangulated obturator hernia	1	—	—	—	1
Strangulated diaphragmatic hernia	1	—	—	—	1
Strangulated internal hernia	1	—	—	1	—
Adhesions	4	1	—	—	3
Carcinoma	3	—	1	1	1
Volvulus	1	—	1	—	—
Intussusception	5	3	1	1	—
Adhesions	2	1	1	—	—
Constipation	10	6	4	—	—
Mesenteric thrombosis	1	—	—	1	—
Mucous colitis	5	2	3	—	—
Ulcerative colitis	5	—	4	—	1

Diseases					Total	Discharged		Died	
						M.	F.	M.	F.
INTESTINES (<i>continued</i>).									
Diverticulitis	..	..	..	..	5	4	1	—	—
Tuberculosis	..	..	..	..	2	—	2	—	—
Carcinoma	..	..	..	..	16	3	6	4	3
Sarcoma	..	..	..	..	1	—	—	—	1
Abdominal pain	..	..	..	..	84	25	59	—	—
Enteritis	..	..	..	..	1	—	—	1	—
HERNIA.									
Inguinal	..	..	..	..	111	93	17	—	1
Femoral	..	..	..	..	18	5	13	—	—
Umbilical	..	..	..	..	11	7	4	—	—
Ventral	..	..	..	..	1	1	—	—	—
Post-operative	..	..	..	..	6	3	3	—	—
APPENDIX.									
Acute appendicitis	..	..	..	..	175	79	89	4	3
Chronic appendicitis.. .. .	..	..	..	..	16	3	13	—	—
Actinomycosis	..	..	..	..	1	—	—	—	1
PERITONEUM.									
Retroperitoneal hæmorrhage	..	..	..	..	1	—	1	—	—
Acute peritonitis	..	..	..	..	1	—	—	—	1
Subphrenic abscess	..	..	..	..	1	1	—	—	—
Tuberculous peritonitis	..	..	..	..	1	1	—	—	—
Pseudo-myxoma peritonei	..	..	..	..	1	—	1	—	—
Carcinoma	..	..	..	..	1	—	1	—	—
RECTUM AND ANUS.									
Piles	..	..	..	..	43	22	21	—	—
Anal fissure	..	..	..	..	4	1	3	—	—
Ischio-rectal abscess and sinus	..	..	..	..	11	7	4	—	—
Proctitis	..	..	..	..	1	—	1	—	—
Fibrous stricture	..	..	..	..	1	—	1	—	—
Rectal prolapse	..	..	..	..	1	1	—	—	—
Polypus	..	..	..	..	1	1	—	—	—
Carcinoma—rectum	..	..	..	..	27	14	8	2	3
Carcinoma—anus	..	..	..	..	1	1	—	—	—
BILIARY APPARATUS AND PANCREAS.									
Injury	..	..	..	..	1	—	1	—	—
Cirrhosis of liver	..	..	..	..	5	2	2	1	—
Cyst of liver	..	..	..	..	1	—	1	—	—
Carcinoma of liver	..	..	..	..	2	—	2	—	—
Injury to bile duct	..	..	..	..	1	—	1	—	—
Cholecystitis	..	..	..	..	13	4	8	—	1
Cholangitis	..	..	..	..	3	1	2	—	—

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
BILIARY APPARATUS AND PANCREAS (continued)					
Cyst of bile duct	1	—	1	—	—
Gall stones	20	3	17	—	—
Carcinoma—gall-bladder and bile duct ..	3	1	1	—	1
Acute pancreatitis	1	—	1	—	—
Chronic pancreatitis	1	—	1	—	—
Pancreatic cyst	1	1	—	—	—
Carcinoma—pancreas	2	2	—	—	—
SPLEEN.					
Acholic familial jaundice	1	—	1	—	—
Splenic anæmia	3	—	3	—	—
Splenic abscess	1	—	—	1	—
UPPER URINARY TRACT.					
Polyuria	1	—	1	—	—
Bacilluria	6	—	6	—	—
Hæmaturia	1	1	—	—	—
Congenital cystic kidneys	4	2	2	—	—
Injury	2	1	1	—	—
Perinephric abscess	3	2	1	—	—
Pyelitis	5	2	3	—	—
Pyonephrosis	4	1	3	—	—
Hydronephrosis	3	3	—	—	—
Tuberculosis	9	5	4	—	—
Sarcoma	1	—	—	—	1
Hypernephroma	1	—	1	—	—
Papilloma	1	1	—	—	—
Calculus	24	15	7	—	2
Renal pain	16	6	10	—	—
LOWER URINARY TRACT.					
Frequency of micturition	2	2	—	—	—
Ectopia vesicæ	1	1	—	—	—
Cystitis	7	4	3	—	—
Tuberculosis of bladder	1	1	—	—	—
Papilloma of bladder	18	14	4	—	—
Carcinoma of bladder	6	6	—	—	—
Vesical calculus	6	6	—	—	—
Foreign body in bladder	2	1	1	—	—
Congenital malformation	5	5	—	—	—
Urethral injury	1	1	—	—	—
Urethral stricture	14	13	—	1	—
Periurethral abscess	4	4	—	—	—
Caruncle	1	—	1	—	—
Tuberculosis of urethra	1	1	—	—	—
Gonorrhœa	2	2	—	—	—

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
MALE GENITAL TRACT.					
Prostatitis	2	2	—	—	—
Prostatic calculi	1	1	—	—	—
Senile enlargement of prostate	29	25	—	4	—
Carcinoma of prostate	6	3	—	3	—
Undescended testicle	7	7	—	—	—
Thrombosis of spermatic vessels	1	1	—	—	—
Epididymo-orchitis	5	5	—	—	—
Tuberculosis of testicle	2	2	—	—	—
Tumour of testis	1	1	—	—	—
Spermatocele	1	1	—	—	—
Hæmatocœle and hydrocœle	7	7	—	—	—
Varicocele	1	1	—	—	—
Congenital abnormalities of penis.. .. .	1	1	—	—	—
Phimosis	2	2	—	—	—
FEMALE GENITAL TRACT.					
Salpingitis and pyosalpinx	12	—	12	—	—
Other gynæcological conditions	19	—	18	—	1
BREAST.					
Abscess	12	—	12	—	—
Chronic mastitis	20	—	20	—	—
Tuberculosis	1	—	1	—	—
Fibro-adenoma	20	—	20	—	—
Cystadenoma	1	—	—	—	1
Duct papilloma	1	—	1	—	—
Paget's disease of the nipple	2	—	2	—	—
Carcinoma	50	—	46	—	4
Lipoma	2	—	2	—	—
UMBILICUS.					
Polypus	1	1	—	—	—

APPENDIX I.

T. = Mr. Wilfred Trotter. U. = Professor C. C. Choyce and
 W. = Mr. Gwynne Williams. Mr. A. J. Gardham.
 M. = Mr. E. K. Martin. U.B. = Mr. F. J. F. Barrington.
 J.T. = Mr. Julian Taylor.

DISEASES OF PHARYNX, NASO-PHARYNX AND LARYNX.

TONSILLITIS.

T. 146. Tonsillectomy. Adenoids curetted.
 M. 6, 149, 487. Tonsillectomy. Adenoids curetted.
 J.T. 107, 266. Tonsillectomy. Adenoids curetted.

MALIGNANT DISEASES.

Nasopharyngeal.

T. 23. Aged 51. Male. Growth invading hard and soft palate. Bilateral deafness. Bilateral external rectus paralysis. Papilloedema. Microscopic section—endothelioma.

T. 182. Aged 25. Male. Removal of enlarged cervical glands. Microscopic section—endothelioma. Mass palpable in naso-pharynx.

J.T. 280. Aged 48. Male. Enlarged cervical glands. Unilateral deafness. Flattening of one side of palate. Microscopic section—endothelioma.

U. 5625. Aged 29. Male. Endothelioma. Inoperable. Died. *Post-mortem* 35. Widespread secondary deposits: ribs and spine.

Oropharyngeal Carcinoma.

T. 63. Tonsillar region. Excision of cervical glands: excision of growth by cheek split. Two stage.

T. 142. Same case as T. 63. Widespread local recurrence. Pontine hæmorrhage. Died. *Post-mortem* 256.

M. 75. Readmission M. 268 and 396 (1928). Radium needles inserted into primary growth. Radium No. 626A.

M. 287. Tonsil. Primary growth previously treated by radium elsewhere. Excision of cervical glands. Radium No. 1031.

M. 292. Same case as M. 287. Radon seeds inserted in growth: radium needles in glands.

M. 511. Same case as M. 287. Further insertion of radium and radon.

Pyramidal Fossa Carcinoma.

T. 75. Previous excision of growth by lateral pharyngotomy 1927. Recurrence in neck. Insertion of radium needles. Radium No. 1012. Died. *No post-mortem*.

T. 84. Excised with cervical glands by lateral pharyngotomy.

T. 107. Previously excised by lateral pharyngotomy 1927. Recurrence in glands of neck. Surface application of radium. Radium No. 1067.

T. 110. Excised by lateral pharyngotomy 1928. Recurrence in glands of neck. Insertion of radium needles. Radium No. 1075.

M. 270. Inoperable. Radium needles to glands in neck. Radium No. 1018.

M. 529. Same case M. 270. Glands excised. Radium needles inserted deep to thyroid cartilage.

Hypopharyngeal Carcinoma.

J.T. 292. Post-cricoid, excised by lateral pharyngotomy in 1927. Bronchoscopic examination showed no sign of recurrence.

DISEASES OF NOSE AND ACCESSORY SINUSES.

SINUSITIS.

T. 144. Suppuration in antrum of Highmore. Antrum punctured.

W. 391. Suppuration in sphenoidal air sinuses. Cavernous sinuses thrombosis. Basal meningitis. Died. *Post-mortem* 307.

INJURIES.

U. 6144. Fractured nasal bone.

DISEASES OF EAR.

MASTOIDITIS.

- W. 1. Chronic. Transferred to Royal Ear Hospital.
 W. 59. Chronic. Palliative treatment.
 W. 73. Acute. Schwartz operation.
 M. 138. Acute. Schwartz operation.
 M. 253. Acute. Transferred to Royal Ear Hospital.
 U. 5540. Acute otitis media.
 U. 5556. Acute. Drainage. Lateral sinus thrombosis. Ligature of jugular vein and lateral sinus drained. Cavernous sinus thrombosis. Died. No *post-mortem*.

CARCINOMA.

- J.T. 83. Pinna. Excised.

LUNGS AND PLEURA: TRACHEA: MEDIASTINA.

PNEUMOTHORAX.

- M. 230. Pulmonary tuberculosis. Pyo-pneumothorax. Aspirated.

EMPHYEMA.

- W. 32. Post-pneumonic. Rib resection and drainage. Staphylococcus aureus.
 W. 110. Pneumonia 5 months previously. Rib resection and drainage. Died. *Post-mortem* 234. Gangrenous bronchopneumonia and bronchiectasis.
 W. 152. Post-influenzal. Rib resection and drainage. Pneumococcus.
 W. 168. Post-influenzal. Rib resection and drainage. Hæmolytic streptococcus.
 W. 147. Same case as W. 168. Re-admitted 16 days after discharge. Wound re-opened and drained.
 W. 228. Following resection of nasal septum. Rib resection and drainage. Hæmolytic streptococcus.
 W. 230. Post-influenzal. Rib resection and drainage.
 W. 231. Same case as W. 230. Wound broke down 1 month after leaving hospital. Drainage re-instituted. Satisfactory.
 W. 359. Post-pneumonic. Rib resection and drainage. Streptococcus.
 M. 90. Post-pneumonic. Rib resection and drainage. Streptococcus.
 M. 254. Post-influenzal. Rib resection and drainage.
 J.T. 25. Post-pneumonic. Rib resection and drainage. Pneumococcus.
 J.T. 37. Post-pneumonic. Rib resection and drainage. Pneumococcus.
 J.T. 191. Old tuberculous empyema. Previous phrenic avulsion and thoracoplasty. Persistent sinus. Sinus enlarged and two Carrel Dakin tubes removed.
 J.T. 252. Chronic. Rib resection and drainage.
 U. 5513. 5838. Rib resection and open drainage.
 U. 5621, 5686, 5891. Post-pneumonic. Rib resection and drainage. Pneumococcus.
 U. 5539. Age 7. Post-pneumonic. Rib resection and drainage. Pneumococcus. *Post-mortem* 9. Lung abscess.
 U. 5931. Post-pneumonic. Rib resection and open drainage. Metastatic epididymitis.
 U. 5935. Aged 50. Post-pneumonic. Laparotomy. Died. *Post-mortem* 177. Empyema and subphrenic abscess.

PLEURISY.

- U. 6181. Transferred to Medical Ward.

ACTINOMYCOSIS.

W. 349. Actinomyces in sputum. Abscess of chest wall. Incision and vaseline pack.

LUNG ABSCESS.

W. 97. Artificial pneumothorax already produced. Phrenic evulsion.

M. 428. Abscess burst into pleural cavity. Rib resection and drainage. Died. No *post-mortem*.

J.T. 151. Rib resection and drainage. Culture sterile.

TUBERCULOSIS.

M. 219. Laparotomy for suspected tuberculous peritonitis. Peritoneum normal. Died. *Post-mortem* 133. Caseous broncho-pneumonia.

J.T. 299. Empyema following artificial pneumothorax. Staphylococcus aureus. Rib resection and drainage. Phrenic evulsion.

U. 5574. Empyema, drained 2 years ago. Wound broke down. No operation.

U. 5789. No operation. Also subcutaneous tuberculous lesions, arm and leg.

ABSCESS OF CHEST WALL.

M. 159. Abscess curetted.

PNEUMONIA.

J.T. 157. Transferred to Dr. Poynton.

U. 5570. Died. No *post-mortem*.

U. 5826.

CARCINOMA.

T. 82. Cerebellar tumour. Decompression. Died. *Post-mortem* 175. Primary growth in bronchus: secondary deposits in cerebellum.

W. 207. Intestinal obstruction. Carcinoma excised. Died. *Post-mortem* 183. Primary growth in lung: secondary deposits in small intestine.

U. 5728. Secondary deposits in breast. Amputated to avoid ulceration. Died. *Post-mortem* 95. Primary growth in left lung.

SCALP, SKULL AND BRAIN.

HÆMATOMA.

T. 174. Under scalp: suppurating. Incision and drainage.

M. 180. Incision and drainage.

M. 296. Dressings.

WOUNDS.

W. 178. Excision and suture.

M. 9. Dressings.

M. 222. Excision and suture.

U. 6052. Excised. Also fractured radius.

U. 6165. Sutured.

DERMOID.

M. 516. Supra-orbital. Excised.

CONCUSSION.

- T. 29, 79. Rest in bed.
 W. 18, 22, 83, 87, 352, 399. Rest in bed.
 W. 304. With fractured skull. Rest in bed.
 M. 98, 367, 411, 496. Rest in bed.
 J.T. 203, 206.
 U. 5636.
 U. 5972. Decompression.
 U. 6018, 6248. With fracture of the anterior fossa.

INTRACRANIAL HÆMORRHAGE.

- T. 184. No localizing signs. No operation. Died. No *post-mortem*.
 W. 134. Bilateral temporal decompression. Died. No *post-mortem*.
 W. 414. No localizing signs. No operation. Died. Coroner's *post-mortem*. Bilateral subdural hæmorrhage.
 J.T. 74. Injury ten days previously. Localizing signs. Decompression over right Rolandic area. Subdural clot evacuated. Better.
 J.T. 215. Admitted unconscious. Died. Coroner's *post-mortem*. Non-traumatic hæmorrhage.
 U. 6273. Admitted unconscious. Died. *Post-mortem* 302. Non-traumatic hæmorrhage.

FRACTURED SKULL.

- T. 76. Anterior fossa. Discharge of cerebrospinal fluid from nose. Rest in bed. Better.
 T. 141. Same case as T. 76. Readmitted 5 months later with severe frontal headache. Decompression. Empyema of frontal sinus. Extra- and intra-dural abscesses. Meningitis. Died. *Post-mortem* 248. General meningitis.
 T. 137. Old fracture of vault. Headaches. Rest in bed.
 W. 324. Anterior fossa. Rest in bed.
 M. 55. Depressed fracture of vault. Compound. Decompression. Removal of fragments. Better.

OSTEOMYELITIS.

- W. 255. Severe frontal headaches. Skull thought to be thickened. Osteoplastic flap. Bone thick and avascular. No intracranial lesion.
 M. 316. Osteomyelitis of skull. Drainage. Subsequent plastic operation on ear (M. 430).
 M. 479. Same case as M. 430. Wound broke down. Dressings.

SARCOMA.

- W. 79. Vault. Radium therapy. Radium No. 665.
 W. 189. Same case as W. 79. Further radium.

ACQUIRED DEFECTS.

- T. 108. Occipital decompression for injury 3 years previously. Closure of skull defect by tibial graft. Subsequent fracture of tibia at site of removal of graft.

CEREBRAL ABSCESS.

- T. 40. Chronic following middle ear disease. Occipital decompression. Died. *Post-mortem* 68. Large temporo-sphenoidal abscess.

CAVERNOUS SINUS THROMBOSIS.

W. 35. Following alveolar abscess. Died. *Post-mortem* 53. Pus spread through antrum to basi-sphenoid.

W. 391. Following suppuration in sphenoidal sinus. Died. *Post-mortem* 307.

U. 5556. Following mastoiditis and lateral sinus thrombosis. Died. No *post-mortem*.

U. 5971. Following boil on nose. Died. No *post-mortem*.

CEREBRAL AND CEREBELLAR TUMOUR.

T. 11. Right sub-temporal decompression. Died. *Post-mortem* 89. Tumour of ependyma of 4th ventricle.

T. 25. Ependymoma 4th ventricle decompression. Died. *Post-mortem* 143.

T. 38. Pituitary. Frontal decompression. Tumour explored.

T. 45. Pituitary. Decompression. Died. *Post-mortem* 151.

T. 87. Left Rolandic area. Decompression and partial removal. Left hospital improved. Readmitted 10 days later with recurrence of symptoms and signs. Wound reopened. Cyst found and evacuated. Died. No *post-mortem*.

T. 125. Cerebellar. Occipital decompression.

T. 170 and 179. Same case as T. 125. Readmitted for observation.

T. 135. Left Rolandic region. Glioma. Decompression and partial removal. Subsequent insertion of radium needles. Radium No. 1064.

T. 168. Decompression and excision of endothelioma of dura 1926. Recurrence of fits. Osteoplastic flap reopened. Fibrous tissue and cysts excised.

T. 169. Pituitary tumour with acromegaly. Decompression. Died. *Post-mortem* 197. Large pituitary tumour.

J.T. 23. Left-sided glioma. Decompression. Died. No *post-mortem*.

J.T. 33. Glioma. Decompression. Died. *Post-mortem* 3.

J.T. 94. Auditory fibroma. (1) Lateral ventricle tapped through trephine hole in posterior fossa. (2) Occipital decompression 24 hours later. (3) Subsequent attempted removal of tumour. Died. *Post-mortem* 69. Tumour size of walnut.

J.T. 154. Decompression performed for signs of cerebral tumour. No tumour found. Became unmanageable. Transferred to infirmary.

J.T. 181. Right temporal decompression. Died. *Post-mortem* 213. Left auditory fibroma.

J.T. 294. Cerebellar. Decompression. Died. No *post-mortem*.

GENERAL PARALYSIS.

U. 6051.

EPILEPSY.

T. 85, 111.

TUBERCULOUS MENINGITIS.

M. 205. Transferred to Dr. Elliott.

MENTAL DEFICIENCY.

U. 5725.

GENERAL.

NO APPARENT DISEASE.

T. 193.

M. 226, 525.

U. 5640, 6150.

UNEXPLAINED PYREXIA.

M. 5.

ACUTE SPECIFIC FEVERS.

W. 779. Paratyphoid. Appendicectomy.

M. 312. Paratyphoid. Transferred to Dr. Bolton.

J.T. 226. Malaria.

DISEASES OF NERVES.

INJURIES.

T. 69. Median at wrist, following cut. Nerve freed from scar tissue.

W. 295. Musculospiral, following fracture of shaft of humerus. Sutured.

W. 325. Ulnar at wrist. Sutured.

W. 411. Spinal accessory following operation for removal of tuberculous glands of neck. Sutured.

M. 356. Ulnar at wrist. Sutured.

J.T. 202. Ulnar at elbow. Sutured.

U. 5609. Erb's paralysis. Abduction splint.

U. 5743. Median nerve at wrist. Sutured.

NEURITIS.

U. 6125. Sciatic.

TRIGEMINAL NEURALGIA.

T. 44. Avulsion of infraorbital nerve.

M. 274. No operation.

J.T. 16, 21, 89, 190, 219. Gasserian ganglion injected with alcohol.

J.T. 186. Same case as J.T. 21. Further injection of ganglion with alcohol.

J.T. 91, 118. Division of sensory root of ganglion.

U. 6088. Alcohol injection.

NEUROFIBROMATA.

T. 43. Posterior auricular. Excised.

M. 482. Multiple. Two excised.

NEURASTHENIA AND HYSTERIA.

W. 68, 316.

M. 457.

U. 6189. Self-inflicted wound of toe. Amputation.

DISEASES OF SPINE AND SPINAL CORD.

INJURIES.

T. 52. Fracture, fifth cervical; backward dislocation of sixth cervical. Recumbency followed by plaster jacket. Discharged walking.

T. 72. Painful spine after accident; no fracture. Movement under anæsthesia.

W. 326. Fracture, eleventh dorsal. Paraplegia.

W. 376. Fracture, sixth and seventh cervical. Plaster.

W. 187. Transvers process lumbar vertebra fractured. Also fractured fibula. Recumbency and Delbet plaster.

W. 320. Fracture body first lumbar vertebra. Also bilateral fracture os calcis and astragalus of one foot. Rest on bed. Plaster to feet.

J.T. 230. Fracture, fifth cervical. Plaster.

U. 5869. Fracture, transverse process lumbar vertebra.

TUBERCULOSIS.

- T. 102. Cervical. Pressure on cord. Laminectomy. Died. No *post-mortem*.
 W. Lumbar. Psoas abscess secondarily infected. Abscess drained.
 W. 42. Lumbar. Psoas abscess secondarily infected. Abscess drained.
 W. 190. Same case as W. 42. Carrel Dakin irrigation. Improved.
 W. 208. Dorsal. Albee's operation. Wound infected; subsequent sequestrectomy from transverse process.
 W. 234. Dorsal. Albee's operation.
 W. 240. Dorsal. Albee's operation.
 W. 245. Dorsal, with paraplegia. Also renal tuberculosis.
 M. 89. Dorsal; active disease twenty years previously. Plaster.
 J.T. 87. Dorsal and lumbar abscess. Abscess aspirated. Plaster.
 J.T. 135. Readmission, J.T. 82/1928. Spinal jacket fitted.
 U. 5562. Lower dorsal. Lumbar abscess incised and closed.
 U. 5598. Old case. Lower dorsal.
 U. 5706. Lower lumbar. Plaster bed.
 U. 6121. Lower dorsal. Plaster jacket.

ACUTE OSTEOMYELITIS.

- T. 175. Lower cervical and upper dorsal. Diseased spines and laminae removed. Died. No *post-mortem*.

SPINAL MENINGITIS.

- T. 148. Chronic. Laminectomy. Died. *Post-mortem* 259. Pyelonephritis. Chronic meningitis.

SPINA BIFIDA.

- M. 34. Dorsal. Meningocele. Became infected. Died. No *post-mortem*.
 U. 5741. Aged 2 days. Lower lumbar and sacral meningocele. Died. *Post-mortem* 101. Meningitis.

DISEASES OF JOINTS.

ACUTE TRAUMATIC SYNOVITIS.

- W. 81. Adhesions in shoulder, following synovitis. Movement under anaesthesia.
 M. 97. Ankle. Delbet.
 M. 201. Knee. Strapping and rest.
 M. 223. Knee. Plaster.
 U. 5629. Symphysis pubis during labour. Rest.
 U. 5791. Ankle. Plaster.

ACUTE NON-SUPPURATIVE ARTHRITIS

- W. 47. Aged 44. Hip. Unknown aetiology. Extension and plaster. Bony ankylosis.
 W. 113. Aged 8. Multiple joints. Subluxation of hip. Extension and plaster.
 W. 264. Aged 37. Inferior radio-ulnar joint. Explored. Culture sterile.
 M. 235. Acute rheumatic fever. Hip-joint explored.
 U. 6277. Knee. Unknown aetiology.

ACUTE SUPPURATIVE ARTHRITIS.

W. 244. Hip ten years previously. Recurrence of pain. Plaster. Better.

M. 229. Aged 22. Knee. Drainage of tissues outside joint. Culture, hæmolytic streptococcus. Subsequent drainage of joint. Subsequent amputation through thigh. Better. Blood culture negative throughout.

M. 275. Aged 5. Hip. Drainage of abscess outside joint, Staphylococcus aureus. Subsequent dislocation. Dislocation reduced. Plaster.

U. 5817. Elbow. Incision and drainage. Culture sterile.

U. 5826. Elbow. Following mastoid operation and erysipelas of scalp. Incision and drainage. Culture, Streptococcus and Staphylococcus aureus.

U. 6101. Knee. Compound fracture femur from G.S.W. ten years ago, not involving knee-joint. Incision and drainage. Hæmolytic streptococcus.

U. 6102. Hip. Incision and drainage one year ago. Residual abscess: drained. Culture Staphylococcus aureus.

TUBERCULOSIS.

(a) *Hip.*

T. 172. Sinuses drained. Extension. Plaster.

W. 286. Extension and plaster.

W. 380. Adduction deformity, following old disease. Sub-trochanteric osteotomy.

M. 179. Extension and plaster.

U. 5930. One year duration. Plaster.

(b) *Knee.*

W. 214. Abscess on inner side aspirated. Plaster.

J.T. 198. Extension and plaster.

U. 5929. Three years' duration. Excision of sinus. Plaster. Re-admitted later for amputation (1930).

(d) *Elbow.*

U. 5759. Seven years' duration. Plaster. Also knee.

(f) *Sacro-iliac.*

W. 200. Sinuses laid open.

M. 272. Aspiration of abscesses. Plaster.

U. 5594. Lumbar abscess aspirated.

U. 5767. No operation.

U. 6092. Gluteal abscess. Incised and closed.

U. 6115. Gluteal abscess incised: joint scraped. Also pulmonary tuberculosis.

OSTEOARTHRITIS.

T. 161. Hip. Movement under anæsthesia.

T. 188. Lumbar spine.

W. 17. Knee. Explored. Knee-joint straightened by wedges. Discharged. Able to walk for first time for four years.

W. 64. Hip. Movement under anæsthesia.

W. 144. Knee. Explored for loose body.

M. 25. Jaw.

M. 135. Hip. Plaster.

U. 5622. Hip. Whitman's reconstruction operation.

U. 5909. Sacro-iliac. Double plaster spica.

U. 6079. Hip. Movement under anæsthesia.

U. 6099. Spine. Radiant heat.

RHEUMATOID ARTHRITIS.

U. 5819. Knees and ankles. Radiant heat.

STIFF JOINTS following non-suppurative acute arthritis.

W. 385. Aged 32. Multiple stiff joints following acute non-suppurative arthritis six years previously. Arthroplasty right elbow. Movement of hip-joints under anæsthesia. Amputation of toes. Discharged able to sit up and feed herself.

NEUROPATHIC JOINTS.

T. 130. Hip. Infected. Aspiration of abscess and extension.

M. 353. Knee. Infected. Repeated aspiration of joint. Tabes dorsalis.

M. 497. Ankle, which was the seat of malunited Pott's fracture. Tabes dorsalis.

U. 5658. Shoulder. Tabetic.

U. 6185. Ankles. Diabetes. No peripheral neuritis.

WOUND OF JOINT.

J.T. 64. Penetrating of knee. Wound excised, synovial membrane sutured. Delayed primary suture of wound.

TRAUMATIC DISLOCATION.

T. 95. Recurrent, of shoulder. Excision of portion of capsule. Subscapularis tendon "pleated."

M. 397. Shoulder. Reduced.

M. 451. Shoulder. Adhesions following immobilization. Circumflex nerve paralysis. Movement under anæsthesia.

J.T. 15. Posterior of elbow. Reduced.

U. 6006. Perilunar dorsal dislocation of carpus. Open reduction.

PATHOLOGICAL DISLOCATION.

W. 84. Hip. Suppurative arthritis following carbuncle of neck. Extra-articular abscess. Abscess drained: extension.

INTERNAL DERANGEMENT.

T. 4753. Torn internal semilunar cartilage. Excised.

W. 115, 141, 274. Torn internal semilunar cartilage. Excised.

W. 170. Loose body in elbow-joint. Removed.

W. 129. Torn external semilunar cartilage. Excised through median patellar split.

M. 2. Knee. Synovial tag excised.

M. 81. Torn internal semilunar cartilage. Excised.

J.T. 192. Loose body in elbow joint. Excised.

U. 5663. Torn internal semilunar cartilage. Excised.

U. 5907. Trigger finger. Excision of portion of capsule of interphalangeal joint.

U. 5954. Torn internal semilunar cartilage. No operation.

CYST OF EXTERNAL SEMILUNAR CARTILAGE.

U. 5938. Cartilage excised.

DISEASES OF BONES.

PERIOSTITIS.

U. 5537. Tibia. Explored.

U. 5737. Tibia.

OSTEOMYELITIS.

T. 54. Aged 24. Left humerus. Chronic. Acute osteomyelitis of left humerus fifteen years previously. Cavity laid open. Culture—*Staphylococcus albus*.

T. 65. Jaw. Sinuses laid open. Culture—*Staphylococcus aureus*.

W. 161. Aged 41. Phalanx of thumb. Simultaneous acute arthritis of knee. Knee aspirated. Culture from joint—*Staphylococcus aureus*. Discharged walking in Thomas-Delbet splint.

W. 175. Aged 23. Femur. Recurrent attacks of acute infection. Abscess drained.

W. 204. Aged 26. Ulna. Subperiosteal abscess drained. Subsequent sequestrectomy. Culture—*Staphylococcus aureus*.

W. 210. Aged 19. Humerus. Bone guttered. Flavine vaseline pack: first dressing fourteen days after operation. Subsequent fracture at site of operation. Culture—*Staphylococcus aureus*.

W. 243. Jaw. Sinus from sequestrum. No operation.

W. 294. Tibia. Chronic. Bone explored.

W. 312. Aged 23. Humerus. Acute osteomyelitis fifteen weeks previously. Present attack for one month. Bone guttered. Flavine vaseline pack. First dressing five and a half weeks after operation. Culture—*Staphylococcus aureus*.

M. 189. Age 25. Costal cartilage. Diseased tissue excised. Culture—*Staphylococcus aureus*.

M. 234. Aged 8. Tibia. Acute osteomyelitis, 1927. Sequestrectomy, 1928. Cavity in bone opened up.

M. 331. Aged 2. Tibia. Bone guttered. Pneumonia. Died. No *post-mortem*.

M. 375. Aged 23. Humerus. Acute osteomyelitis six years ago. Bone explored.

M. 477. Aged 2. Femur. Guttered. Subsequently tibia. Guttered. Culture—*Staphylococcus aureus*.

J.T. 22. Aged 23. Fibula. Guttered. Subsequent suppurative arthritis of knee of same leg. Aspiration followed by drainage. Pleurisy. Culture from fibula, knee-joint and blood—*Staphylococcus aureus*. Died. No *post-mortem*.

J.T. 171. Aged 9. Tibia. Bone guttered. Carrel-Dakin irrigation.

J.T. 238. Aged 32. Femur. Acute osteomyelitis upper end six years previously. Chronic abscess lower end. Cavity laid open. Secondary suture: wound broke down. Culture—*Staphylococcus aureus*.

U. 5576. Adult. Femur. Old G.S.W. No operation.

U. 5506. Aged 13. Acute. Radius and femur guttered. *Staphylococcus aureus*. Hip and opposite radius drained later. Two sequestrectomies: Re-admitted (5726). Brodie's abscess of fibula. Incised and drained.

U. 5608. Chronic lumbar spine. Psoas abscess drained. *Staphylococcus aureus*. Osteomyelitis of tibia six years previously.

U. 5673. Chronic. Femur. Re-admission, U. 5486. Abscess evacuated and closed.

U. 5674. Chronic. Ilium. No operation.

U. 5790. Chronic. Scapula and femur. Incision and drainage. *Staphylococcus aureus*.

U. 5794. Aged 15. Acute. Tarsus. Drainage. *Staphylococcus aureus*. Subsequent sequestrectomies.

U. 5814. Aged 13. Acute. Fibula. Guttered. Opposite tibia and knee-joint and femur of same side. Tibia and femur guttered, knee-joint drained. *Staphylococcus aureus*. Sequestrectomy of tibia. Better.

U. 5881. Aged 9. Acute. Lower end femur, involving knee-joint. Femur guttered, joint drained.

OSTEOMYELITIS—(continued).

- U. 5892. Chronic. Metatarsal. Sequestrectomy.
 U. 5951. Acute. Os calcis. Drained. Hæmolytic streptococcus.
 U. 6110. Chronic. Humerus. Abscess evacuated and closed. Staphylococcus aureus.
 U. 6206. Acute. Aged 12. Metatarsal. Drained. Flavine and vaseline pack. First dressing four weeks after operation. Healed in seven weeks.
 U. 6264. Sub-acute. Humerus. Evacuation and suture. Staphylococcus aureus. Healed three weeks.
 U. 6275. Sub-acute. Ulna. Guttered. Staphylococcus aureus. Subsequent sequestrectomy. Healed in six weeks from first operation.

BRODIE'S ABSCESS.

- M. 202. Lower end of tibia. Cavity curetted. Primary suture. Culture—Staphylococcus aureus.

SYPHILIS.

- M. 369. Humerus. Osteomyelitis. N.A.B. and bismuth therapy. Better. See G 80/29.

RICKETS.

- W. 143.

OSTEITIS FIBROSA.

- T. 30. Frontal bone. Two previous operations (W.T. Vol. 395/411). Excision of diseased tissue.
 J.T. 86. Tibia incised and curetted. Primary suture. Culture sterile.

OSTEITIS DEFORMANS.

- U. 5610.

OSTEOMA.

- T. 32. Ivory of skull. Excised.
 W. 136, 377, 388. Spur on os calcis. Excised.
 J.T. 101. Cancellous, of humerus. Excised.
 J.T. 225. Cancellous, of tibia, presenting on outer side of leg. Excised.
 J.T. 268. Ischium. No treatment.

LIPOMA.

- J.T. 7. Sub-periosteal: frontal bone. Excised.

MYELOMA.

- T. 20. Tibia. Previously excised locally eleven years ago. Local recurrence. Cavity exposed and scraped. Primary suture.

SECONDARY MALIGNANT DISEASE.

- U. 6172. Humerus. Aged 1. Teratoma removed from cheek, 1928 (5076, 5208). Radium implantation. Radium No. 1095. Remains well.

FRACTURES—NOT COMPOUND.

CLAVICLE.

- W. 191. Sayre.
 M. 280. Hey-Groves splint.
 U. 6228. Also acromion process. Sling.

SCAPULA.

- W. 260. Acromion process and glenoid fossa. Traction in abduction.

HUMERUS.

- T. 51. Aged 74. Unimpacted, of surgical neck with pressure on axillary vessels and brachial nerves. Pressure on vessels released by manipulation: persistent nerve paralysis.
- W. 25. Shaft. Traction in abduction. Delayed union.
- W. 163. External epicondyle. Fragment excised.
- W. 397. Impacted, of surgical neck. Active movements. Also Colles' fracture. Reduction: plaster in flexion.
- M. 28. Greater tuberosity. Splinted in abduction.
- M. 72. Supra-condylar; open reduction elsewhere. Non-union. Active movement.
- M. 197. Impacted, of surgical neck. Olecranon without separation. Compound fracture of phalanx. Phalanx amputated.
- M. 293. Impacted, of surgical neck. Traction in abduction.
- M. 324. Shaft. Plaster case.
- M. 387. Unimpacted, of surgical neck. Paralysis of circumflex nerve. Partial reduction. No recovery in nerve.
- J.T. 38. Shaft. Injury to median, ulnar, and musculo-spiral nerves. Nerves explored and freed from fibrous tissue. Active movements and massage.
- J.T. 261. Shaft. Robert Jones splint.

RADIUS.

- M. 120. Shaft. Plated.
- J.T. 259. Head. Fragment excised.
- W. 25. Head. Fragment excised.
- W. 418. Head. Stiff elbow. Arthrotomy. Adhesions divided.
- U. 6052. Lower end. No displacement.

ULNA.

- M. 181. Olecranon. Wired.
- J.T. 283. Olecranon. Healed in fair position. No operation.

RADIUS AND ULNA.

- W. 107. Boy. Aged 9. Lower end: manipulative reduction.
- W. 256. Boy. Aged 10. Lower end: manipulative reduction.
- J.T. 162. Boy. Aged 14. Lower end: open reduction.
- J.T. 24. Adult. Shaft. Reduction and plaster.
- U. 5777. Boy. Aged 8. Lower end. Closed reduction unsuccessful. Open reduction: plate on radius.

COLLES' FRACTURE.

- T. 3. With median nerve paralysis. Nerve explored and freed.
- W. 67. Open reduction. Plaster in flexion.
- W. 149. Old unreduced. No operation.
- W. 216. Open reduction. Plaster in flexion.
- W. 217. Old unreduced. With median nerve paralysis. Nerve previously explored (see W. 330/1928). Osteotomy and correction of deformity.
- W. 397. Reduction. Plaster in flexion.
- M. 51, 325. Reduction. Plaster in flexion.
- M. 265. Bilateral. Plaster in flexion.
- M. 344. Open reduction. Plaster in flexion.
- J.T. 12. Open reduction. Plaster in flexion.
- J.T. 55, 207, 277. Manipulative reduction. Plaster in flexion.
- U. 5531. Reduction. Plaster in flexion.
- U. 5683, 5914, 6211. Old standing, 1 month, 5 months and 2½ months respectively. Open reduction.

RIBS.

M. 102. Strapped.

PELVIS.

M. 323. Left pubis and dislocation right sacro-iliac joint, Death under anæsthetic during suprapubic cystotomy. *Post-mortem* 186. Large retro-peritoneal hæmatoma.

M. 435. Pubic ramus. Plaster.

U. 5812. Crest of ilium. Plaster.

U. 5986. See under RUPTURED URETHRA.

U. 6279. Central fracture of acetabulum, with inward displacement. Skin traction.

FEMUR.

(a) Neck.

T. 101. Aged 76. Intracapsular. Gangrene of foot. Amputation through site of fracture. Died. Coroner's *post-mortem*.

F. 131. Aged 45. Ununited intracapsular of one year's duration. No operation owing to septic skin condition.

W. 46. Aged 81. Intracapsular. Skin traction, followed by Whitman's plaster. No union. Discharged to Infirmary.

W. 48. Aged 71. Intracapsular. Whitman's plaster. Walking in short abduction plaster in six weeks. Bony union.

W. 99. Aged 57. Intracapsular: impacted. Skin traction. Walked in six weeks.

W. 100. Aged 69. Extracapsular. Skin traction.

W. 142. Aged 63. Intracapsular. Whitman's plaster. Pneumonia. Died. No *post-mortem*.

W. 160. Aged 55. Intracapsular 14 months previously treated on long Liston splint. Bony union: stiff joint.

W. 181. Aged 65. Extracapsular. Whitman's plaster. Walked on crutch. Plaster removed after 7 weeks. Bony union.

W. 195. Aged 54. Intracapsular. Skin traction 4 weeks. Whitman's plaster with crutch affixed 9 weeks. Short abduction plaster spica.

W. 404. Aged 67. Extracapsular. Reduction: straight abduction plaster including foot: immediate walking. Plaster removed after six weeks: bony union.

M. 383. Aged 52. Extracapsular. Whitman's plaster. Bony union.

J.T. 156. Aged 56. Intracapsular. Whitman's plaster, followed by skin traction. Walking calliper. Non-union.

U. 5577. Aged 63. 5903. Aged 65. Extracapsular. Whitman's plaster. Bony union.

U. 6008. Aged 69. Old intracapsular. No bony union. Walking calliper.

(b) Shaft.

W. 271. Bilateral. Skin traction for 1 month. Then Thomas-Delbet.

W. 220. Skin traction for 3 months.

M. 86. Skin traction for 9 weeks. Then calliper.

M. 462. Skin traction 6 weeks. Then plaster case.

J.T. 29. Tabes. Skin traction and plaster. Bony union.

J.T. 259. Skin traction.

J.T. 291. Impacted supracondylar. Thomas-Delbet with movable knee.

U. 5611, 5936. Skin traction.

U. 5895, 6157. Skin traction, followed by plaster.

PATELLA.

W. 14, 61, 120. Transverse. Wired.

W. 368. Split in capsule and aponeurosis sutured.

PATELLA—(continued).

- M. 372. Transverse. Wired. Other patella previously wired for fracture elsewhere : persistent sinus : wire removed.
 J.T. 90. Transverse. Wired.
 U. 5701. Transverse. No displacement. Bony union.
 U. 5754, 5927. Transverse. Wired. Good result.

TIBIA.

- W. 33. Internal condyle involving knee-joint. Thomas-Delbet splint. Walked immediately.
 W. 282. Shaft. Reduction under ether. Delbet. Nephritis. Uræmia. Died. Coroner's *post-mortem*.
 W. 321. Shaft. Delbet plaster.
 W. 344. External condyle involving knee-joint. Thomas-Delbet splint.
 M. 266. Shaft. Delbet plaster.
 J.T. 13. Both condyles. Manipulative reduction. Thomas-Delbet splint. Walked four weeks after accident. Good functional result.
 U. 6271. Shaft. Delbet plaster.
 U. 5583. Old fractured previously wired elsewhere. Persistent sinus. Wire removed. Healed.

FIBULA.

- W. 101. External malleolus. Delbet plaster.
 M. 267. Shaft. Delbet plaster.

TIBIA AND FIBULA.

- T. 7. Lower end with backward displacement of foot. Reduction : Delbet plaster. Early walking.
 W. 27. Lower end. Delbet plaster. Early walking.
 W. 102. Shaft. Delbet plaster. Walked in fourteen days.
 W. 126. Lower end involving ankle-joint. Reduction. Delbet plaster. Early walking. Deformity recurred. Tibia plated.
 W. 313. Both malleoli. Delbet continued under heel. Walking ten days.
 W. 417. Shaft. Delbet.
 M. 156. Shaft. Back splint. Delbet and walking six weeks.
 M. 195. With backward displacement of foot of three weeks and a half duration. Open reduction under spinal anæsthesia.
 M. 203. Upper end tibia into knee-joint. Skin traction followed by walking calliper.
 M. 149. Shaft. Tibia plated.
 M. 328. Comminuted lower end. Traction through os calcis pin.
 M. 374. Shaft. Skin traction. Pulmonary infarct twenty-fifth day. Subsequently Delbet plaster.
 M. 475. Extension, followed by Delbet plaster.
 M. 512. Both malleoli. Reduction and Delbet plaster continued under to heel. Walked in three weeks.
 J.T. 49, 68. Shaft. Delbet plaster.
 J.T. 102. Lower end with posterior dislocation of foot. Reduction and Delbet plaster. Walked in ten days.
 J.T. 182. Upper end. Delbet plaster. Walked in ten days.
 J.T. 194. Lower end. Delbet plaster.
 U. 5763. Shaft, lower third.
 U. 5983. Both malleoli. Reduction : Delbet plaster.
 U. 6000. Transverse, midshaft. Reduction : Delbet plaster.
 U. 6131. Transverse, junction upper and middle thirds. Reduction and plaster case.
 U. 6278. Oblique lower third. Delbet plaster.

FOOT.

- W. 54. Os calcis. Manipulation and plaster.
 W. 85. Os calcis: bilateral. Manipulation and plaster.
 W. 211. Same case as W. 85. Readmitted owing to pain in feet. Arthrodesis of astragalo-scaphoid, subastragaloid and calcaneo-cuboid joints on right side. Foot now painless.
 M. 264. Os calcis. Manipulation and plaster.
 U. 5768. Astragalus, bilateral. Also lower end of right tibia. Open reduction and arthrodesis left ankle-joint. Right foot plaster case. Readmitted 5861. Removal of plaster.

FRACTURES—COMPOUND.

JAW.

- U. 5716. Both condyles, also canine fossa. Dental splint.
 U. 5949. Dental fracture. Right 3rd under-socket and left side of symphysis. Infection of former and cervical abscess: drained.

FEMUR.

- W. 299. Supracondylar. Screws inserted into condyles elsewhere, but removed owing to sepsis. Screw inserted in tibia; vertical suspension. Anterior dislocation of knee. Plaster case and calliper.
 W. 346. Run over by train. Lower end, into knee-joint. Amputation. Died. *Post-mortem* 252. Multiple injuries.

TIBIA AND FIBULA.

- M. 88. Wound excised. Primary suture. Delbet plaster.
 J.T. 227. Wound excised. Traction through os calcis pin for three weeks: then Delbet plaster.
 U. 5681. Lower end involving ankle-joint. Excision of wound. Primary suture. Delbet plaster.

FOOT.

- W. 241. Foot run over. Syme's amputation.

HAND.

- U. 5530. Terminal phalanx. Amputated.

DEFORMITIES.

TALIPES.

- W. 51. Congenital equino-varus. Aged 7. Tenotomy of tendo Achillis. Manipulation and plaster.
 M. 227. Congenital equino-varus. Aged 3. Tenotomy tibialis anticus and posticus and tendo Achillis. Manipulation and plaster.
 M. 228. Same case as M. 227. Manipulation and plaster.
 M. 333. Same case as M. 228. Excision of calcaneo scaphoid capsule. Plaster.
 M. 240. Congenital equino-varus. Re-admission from 1924 and 1925. First manipulation at age of 3 weeks. Age 5 now. Tenotomy tendo Achillis. Manipulation and plaster.
 M. 307. Congenital equino-varus. Re-admission. See M. 115/1928. Tenotomy tendo Achillis. Manipulation and plaster.
 U. 5845. Aged 4. Congenital equino-varus. Wrenching and plaster.
 U. 6148. Congenital equino-varus. Right foot. Also absence of great toe left foot and terminal phalanx of fourth right finger. Three middle fingers left hand rudimentary. No operation.

SYNDACTYLY AND POLYDACTYLY.

M. 513. Syndactyly second and third fingers and toes bilateral. Fingers separated. Thiersch graft.

M. 433. Six fingers and toes. Excision of surplus toes.

U. 6230. Supernumerary toe. Amputated.

DEFORMITIES DUE TO ANTERIOR POLIOMYELITIS.

M. 103. Talipes equino-varus. Transplantation of extensor hallucis to first metatarsal.

M. 27. Talipes equino-varus. Open tenotomy of tendo Achillis.

U. 5665. Talipes equinus. Tenotomy tendo Achillis.

FLAT FOOT.

U. 5626. Bilateral. Plasters.

U. 5801. Bilateral. Also bilateral hallux valgus. Plaster.

PES CAVUS.

W. 49. Unilateral. Open tenotomy tendo Achillis. Transplantation of extensor hallucis tendon to base of first metatarsal.

U. 5888. Bilateral. Cuneiform osteotomies of four inner metatarsals.

HAMMER-TOES.

M. 62. No operation.

U. 6132, 6214. Excision of head of phalanx.

U. 5618. Fifth toe. Amputated.

HALLUX VALGUS.

W. 279, 361. Osteotomy of metatarsal. Excision of exostosis.

M. 41, 256. Exostosis excised.

M. 288. Amputation of second toe.

J.T. 137. Amputation of second toe. Excision of head of metatarsal.

U. 5801. Osteotomy of metatarsal.

U. 5843. Exostosis removed.

HALLUX RIGIDUS.

U. 5928. Osteophyte excised.

TORTICOLLIS.

U. 5997. Birth injury. No operation.

U. 6126. Tenotomy of sterno-mastoid.

CONGENITAL DISLOCATION OF HIP.

M. 10. Readmission from M. 486/1928. Previous manipulative reduction ineffectual. Open reduction : subsequent re-dislocation. Second open reduction.

M. 108. Readmission from M. 441/1928. Fresh plaster.

M. 437. Previous reduction. Renewal of plaster.

SCOLIOSIS.

U. 5800. Removal of left transverse processes of first and second lumbar vertebræ, against which last rib was pressing. Plaster jacket. Relief from pain.

COXA VARA.

W. 206. No treatment.

W. 327. Abduction plaster.

DUPUYTREN'S CONTRACTURE.

T. 91. Excision of fibrous tissue.

CONTRACTED MUSCLES.

U. 6219. Old osteomyelitis. Flexion of knee. Skin traction and plaster.

FAULTY AMPUTATION STUMPS.

W. 93. Previous amputation through thigh for elephantiasis. Recurrence of condition in stump. Redundant tissue excised.

W. 10. Leg. Spur on stump. Excised.

M. 345. Arm. Painful. Re-amputation.

M. 399. Finger. Painful neuroma. Excised.

J.T. 53. Thigh. Excision of neuroma on sciatic nerve. Re-amputation.

U. 5551. Old septic finger. Painful. Re-amputation.

SKIN AND SUBCUTANEOUS TISSUE.

BOILS AND CARBUNCLES.

W. 66. Meatal furuncles. Palliative treatment.

W. 193, 212. Carbuncle. Excised. Magnesium sulphate dressing.

M. 33. Abscess. Incision.

M. 233. Carbuncle. Incision.

M. 492. Carbuncle. Magnesium sulphate dressing.

J.T. 189. Carbuncle. Incision. Magnesium sulphate dressing.

U. 5688, 5872, 5887, 5913. Carbuncle. Incision.

U. 5870. Recurrent boils, probably self inflicted.

U. 5971. Boil on nose. Incised. Cavernous sinus thrombosis. Died.
No *post-mortem*.

ERYSIPELAS.

M. 112. Leg. Incision.

J.T. 285. Leg. Incision.

U. 5898. Scalp, following excision of sebaceous cyst elsewhere.
Ichthyol.

CELLULITIS AND SUBCUTANEOUS ABSCESS.

T. 166. Foot. Palliative treatment.

W. 57. Thigh. Incision and drainage.

W. 78. Foot. Palliative treatment.

W. 112. Chronic nephritis. Multiple subcutaneous abscess. Incision and drainage.

W. 268. Neck, following lipiodol injection. Incision and drainage.
Mediastinitis. Died. No *post-mortem*.

W. 341. Foot. Incision and drainage.

W. 392. Chronic, of chest wall. Excised.

M. 15, 71, 365. Arm. Incision and drainage.

M. 176. Cheek. Incision and drainage.

M. 22, 42. Ludwig's angina. Incision and drainage.

M. 101, 166, 167, 199, 468. Leg. Incision and drainage.

M. 236. Abdominal wall. Incision and drainage.

M. 459. Foot. Incision and drainage.

J.T. 69. Neck. Incision and drainage.

J.T. 117. Face. Palliative treatment.

J.T. 150. Forearm. Incision and drainage.

U. 5508. Foot. Incision.

U. 5635. Arm. Incision.

U. 5638. Groin. Had been previously incised. Diabetes.

U. 5652. Thigh. Incision. Culture—*pneumococcus*.

CELLULITIS AND SUBCUTANEOUS ABSCESS—(continued).

U. 5751. Face. Incision. Culture—*Staphylococcus aureus*. Bilateral pleurisy. Died. *Post-mortem* 108. Multiple pulmonary abscesses. Acute endocarditis.

U. 5761. Thigh. Incision.

U. 5771, 5828. Face. Incision.

U. 5976. Groin. Incision.

U. 5984. Thigh. Tuberculous. Died. *Post-mortem* 186. Miliary tuberculosis.

U. 6025. Neck. Incision.

U. 6258. Neck. No operation.

GUMMA.

U. 5806. Face. Diabetes.

WARTS.

M. 418. Excised.

MOLE.

W. 305. Pigmented of thigh. Excised.

U. 6087, 6163. Pigmented. Excised.

SEBACEOUS CYST.

T. 67. Excised.

M. 382. Excised.

DERMOID.

U. 5770. Sacro-coccygeal. Excised.

U. 5880, 6014. Face. Excised.

ANGIOMA.

W. 159. Cavernous of hand. Excised.

M. 31. Capillary of scalp. Excised by diathermy. Subsequent slough and sequestrum formation.

M. 107. Capillary of chin. Excised.

M. 175. Cavernous of finger. Excised.

U. 5563. Face. No operation.

LIPOMA.

W. 38, 137, 291. Excised.

M. 456. Excised.

RODENT ULCER.

T. 139. Cheek. Radium by surface application.

T. 178. Previous excision of eye and lids for rodent ulcer of eyelid, 1925. Recurrence in scar. Insertion of radium needles. Radium No. 1131.

W. 224. Scalp. Recurrent. Insertion of radium needles. Radium No. 572.

M. 379. Forehead. Previous treatment with surface radium. Insertion of needles. Radium No. 1093.

M. 444. Face. Surface application of radium. Radium No. 1109.

M. 445. Face. Surface application of radium.

J.T. 113. Forehead. Radium therapy ineffectual. Excision and Thiersch graft.

J.T. 121. Eyebrow. Excision.

U. 5853. Three on nose and face. Radium No. 1030.

U. 6002. Back. Radium No. 1072.

U. 6228. Cheek. Excised.

U. 6260. Nose. Radium No. 1143.

EPITHELIOMA.

- M. 140. Nose. Excision and Thiersch graft.
 J.T. 263. Heel. Amputation through site of election.

SCAR—EXCESSIVE CONTRACTION.

- M. 366. Ectropion, following scar on cheek. Scar excised. Thiersch graft.

KELOID.

- M. 60. Chest, following burn. Radium therapy. Radium No. 554.

ULCERATED SCAR.

- J.T. 196. Calf of leg, attached to gastrocnemius. Excised.

WHITLOW.

(a) *Subcutaneous.*

- J.T. 238. Incision and drainage.
 J.T. 293. Spreading cellulitis of arm. Multiple incisions. Septicæmia.
 Culture—hæmolytic streptococcus. Died. *Post-mortem* 293.
 U. 5750. Local gangrene. Amputation of finger.

(b) *Tendon Sheath.*

- M. 116. Incision and drainage.
 J.T. 220. Incision and drainage.

PHALANGEAL OSTEOMYELITIS.

- J.T. 281. Amputation.

PALMAR SPACE.

- W. 345. Tendon sheaths of middle palmar space. Incision and drainage.
 M. 30. Incision and drainage.
 J.T. 205. Incision and drainage.

INGROWING TOE-NAIL.

- W. 314. Excision of nail and bed. Thiersch graft.

SUPERFICIAL WOUNDS.

- T. 189. Eyebrow. Sutured.
 M. 261. Monkey bites of hand. Excision.
 M. 449. Eyelid. Dressing.

BURNS AND SCALDS.

- M. 37. Aged 2. Second degree buttocks and elbows, $2\frac{1}{2}$ per cent. tannic acid. Died. Coroner's *post-mortem*.
 M. 122. Aged 1. Scald of back. Died. No *post-mortem*.
 M. 334. Aged 5. Buttock, $2\frac{1}{2}$ per cent. tannic acid.
 M. 463. Aged 3 months. Scald of neck, $2\frac{1}{2}$ per cent. tannic acid.
 M. 470. Aged 75. Second degree both arms, $2\frac{1}{2}$ per cent. tannic acid.
 M. 476. Aged 1. Scald both arms, $2\frac{1}{2}$ per cent. tannic acid.
 U. 5614. Aged 2. 5666. Aged 1. Chest, $2\frac{1}{2}$ per cent. tannic acid.
 U. 5633. Aged 79. Extensive burns. Died. Coroner's *post-mortem*.
 U. 6259. Aged 9 months. Legs. Picric acid.

FOREIGN BODY.

- U. 5720. Small foreign body in finger. Excised.
 U. 6202. Needle in leg. Discharged spontaneously.

IMPETIGO.

- M. 110.

ONYCHOGRYPHOSIS.

J.T. 76. Bilateral. Excision of nail, nail-bed, and head of terminal phalanx.

U. 5752, 6252. Excision of nail and bed. Thiersch graft.

PERFORATING ULCER.

W. 301. Toe. Tabes dorsalis. Amputation of toe.

M. 528. Toe. Amputated.

J.T. 229. Toe. Incision and drainage.

DISEASES OF MUSCLES, FASCIÆ, AND TENDONS.

INJURIES.

M. 95. Abdominal wall. Contusion. Palliative treatment.

J.T. 100. Deltoid cut by glass. Sutured.

J.T. 212. Divided flexor tendon of finger. Sutured.

U. 5669. Wound of thigh. Sutured.

U. 5743. Tendons at wrist. Sutured. Also median nerve.

U. 5778. Tendons of fingers. Sutured.

U. 6076. Sub-pectoral hæmatoma. Infected. Incised. Culture-- hæmolytic streptococcus.

RUPTURE OF MUSCLE.

W. 203. Quadriceps femoris tendon. Sutured.

U. 6158. Strain of erector spinæ. Palliative treatment.

MYOSITIS.

T. 17. Acute rheumatic fever. Transferred to Dr. Poynton.

J.T. 11. Upper arm. Humerus explored and found normal.

J.T. 85. Lumbago.

U. 5643. Lumbago.

GANGLION.

M. 498. Wrist. Excised.

J.T. 2. Palmar. Excised.

J.T. 223. Dorsum of foot. Excised.

TUMOURS OF MUSCLE.

T. 27. Fibro-sarcoma of latissimus dorsi. Local excision.

W. 9. Recurrent fibroma of abdominal wall. Excised.

M. 11. Muscles of calf. Biopsy. Section. Myxo-sarcoma.

M. 38. Same case as M. 11. Amputation through lower third of thigh.

M. 193. Muscles of thigh. Local excision. Fibro-sarcoma.

U. 5841. Thigh muscles. Amputation through hip-joint. Subsequent pulmonary metastases.

ABSCESS OF MUSCLE.

U. 6039. Psoas. Drained. Culture--streptococcus.

U. 6046. Stitch abscess rectus abdominis. Excised.

DISEASES OF BURSÆ.

ACUTE BURSITIS.

M. 18, 58, 61. Prepatellar. Incision and drainage.

U. 6103. Prepatellar. Incision and drainage.

CHRONIC BURSITIS.

- M. 46. Prepatellar. Excised.
 M. 426. Adventitious over first metatarso-phalangeal joint. Excised.
 J.T. 134. Deep to tendo Achillis insertion. Bursæ excised.
 U. 5584. Semimembranosus. Recurrent. (See U. 5281). Excised.
 Plaster case.
 U. 5948. Prepatellar. No operation.
 U. 6143. Sub-sartorial. Diabetes. No operation.
 U. 6186. Semimembranosus. Excised.

DISEASES OF CARDIO-VASCULAR SYSTEM.

ANGINA PECTORIS.

- J.T. 183. Transferred to Sir Thomas Lewis.

ARTERIO-SCLEROSIS.

- T. 14. Admitted semi-comatose, three weeks after head injury. Gradual onset of symptoms beginning three days after accident. Decompression. Nothing abnormal found. Died. Coroner's *post-mortem*. Atheroma and thrombosis of left middle cerebral artery.

PHLEBITIS.

- M. 52, 118. In varicose veins of leg. Rest.

VARICOSE VEINS.

- W. 92, 246. Excised.
 W. 306. Intravenous quinine and urethane. Ulcer following injection. Suppurative lymphangitis of leg, incised. Suppurative pelvic cellulitis. Drained per rectum. Better.
 M. 225. Intravenous 20 per cent. sodium salicylate.
 M. 247. Intravenous quinine and urethane.
 J.T. 210. Acute phlebitis, following intravenous quinine and urethane. Rest in bed.
 U. 5541, 6183. Thrombosed
 U. 5610. Deep veins of leg. Also osteitis deformans.

ANEURISM.

- W. 415. Abdominal aorta. Partial compression of thoracic aorta by aluminium band. Considerable improvement in symptoms for twelve days. Died. *Post-mortem* 266. Acute dilatation of stomach.
 M. 12. Abdominal aorta. Ruptured. No operation. Died. *Post-mortem* 15.
 M. 377. Abdominal aorta. Ruptured. Laparotomy. Died. *Post-mortem* 222. Partial erosion of horse-shoe kidney.

GANGRENE.

- W. 165. Diabetic. Toes. Amputation of toes.
 W. 202. Senile. Amputation lower third of thigh.
 W. 238. Diabetic. Toe. Amputation site of election.
 W. 390. Spasmodic. Foot. Attempted peri-arterial sympathectomy in Scarpa's triangle. Unsuccessful. Subsequent amputation lower third of thigh. Subsequent re-amputation owing to infection of stump.
 J.T. 122. Senile. Leg. Other leg already amputated. Amputation lower third of thigh. Died. *Post-mortem* 178. Broncho-pneumonia.
 U. 5610. Aged 41. Big toe. Amputation lower third thigh.
 U. 5623. Senile. Amputation thigh.
 U. 5912. Senile. Amputation below knee.
 U. 5963. Diabetic. Amputation thigh. Died. *No post-mortem*.
 U. 6197. Senile: fingers. Amputation above elbow.

RAYNAUD'S DISEASE.

W. 412. Left hand. Previous peri-arterial sympathectomy of brachial (W. 72/1928) followed by improvement in condition for one week only. Excision of 1st and 2nd dorsal sympathetic ganglia. Symptoms and signs improved.

W. 413. Right hand. Excision of 1st dorsal sympathetic ganglion.

M. 79. Aged 37. Previous supra-condylar amputation left leg. Syme's amputation right leg for gangrene. Palliative treatment to fingers.

M. 342. Chondroma of pelvis excised previously (see M. 291/28). Disturbance of heat sensation, resulting from pressure on sciatic nerve. Femoral peri-arterial sympathectomy.

BLOOD DISEASES.

W. 43. Infective endocarditis. Transferred to Dr. Poynton.

W. 266. Infective endocarditis. Transferred to Dr. Poynton.

M. 80. Myeloid leukæmia. Epistaxis. Blood transfusion.

M. 221. Hæmophilia. Hæmatoma of scrotum following injury. Palliative treatment.

U. 5816. Pernicious anæmia.

DISEASES OF LYMPHATIC SYSTEM.

CHRONIC SIMPLE LYMPHADENITIS.

U. 5504, 5876. Cervical. No operation.

TUBERCULOUS LYMPHADENITIS.

W. 39, 318, 335, 348. Caseating cervical. Glands excised.

W. 146. Caseating inguinal. Glands excised.

W. 378. Mesenteric: calcified. Gland excised. Appendicectomy.

M. 4, 194, 300. Caseating cervical. Glands excised. Tonsillectomy. Adenoids curetted.

M. 104, 128, 136, 168, 183, 186, 262, 301, 303, 317, 484. Caseating cervical. Glands excised.

M. 244. Readmission M. 168 above. Abscess formation under scar. Further excision of glands.

M. 276. Tuberculous axillary glands previously excised. Excision of glands on both sides of neck.

M. 351. Readmission M. 194 above. Sinus and glands excised.

M. 355. Readmission M. 136 above. Sinus and glands excised.

M. 396. Cervical. Tonsillectomy. Adenoids curetted. Septic teeth removed.

M. 446. Readmission M. 301 above. Tonsillectomy. Adenoids curetted.

J.T. 14, 34, 62, 130, 241, 242. Caseating cervical. Glands excised.

U. 5505, 5571, 5624, 5769, 5796, 5846, 5879, 5918, 6054, 6069, 6077. Cervical. Glands excised.

U. 5524. Cervical. Tonsillectomy.

U. 5917. Cervical. Glands excised: tonsillectomy.

U. 5911, 6095. Cervical. Incised.

U. 6225. Cervical. Aspirated.

U. 5615, 6003. Axillary: excised.

U. 5617. Lumbar. Sinus excised.

U. 5619. Inguinal. Excised.

U. 5799. Cervical and axillary. No operation.

U. 6130. Mesenteric. No operation.

ACUTE LYMPHADENITIS, INCLUDING SUPPURATION.

- W. 2, 96, 117, 157. Suppurating cervical. Incision and drainage.
 W. 41. Suppurating infra-clavicular. Incision and drainage.
 W. 82. Suppurating axillary. Incision and drainage.
 W. 367. Scarpa's triangle. Incision and drainage.
 M. 24, 129, 190, 213, 220, 263, 434. Suppurative cervical. Incision and drainage.
 M. 113. Inguinal. Palliative treatment.
 J.T. 131. Suppurative axillary. Incision and drainage.
 J.T. 145. Readmission J.T. 131. Further drainage.
 J.T. 164. Suppurative lymphangitis of calf. Incision and drainage.
 J.T. 168, 169. Suppurative cervical. Incision and drainage.
 J.T. 264. Suppurative inguinal. Incision and drainage.
 U. 5515, 5731, 6276. Suppurating inguinal. Incision and drainage.
 U. 5807. Inguinal. Palliative treatment.
 U. 6445. Suppurating external iliac. Incision and drainage.
 U. 5925. Suppurative pre-auricular. Incision and drainage.
 U. 6107, 6109, 6154. Suppurative cervical. Incision and drainage.
 U. 6067. Mesenteric. Gland excised for section.

LYMPHADENOMA.

- U. 5923. Cervical glands. No operation.

LYMPHOSARCOMA.

- J.T. 188. Aortic and mesenteric glands. Ascites. Laparotomy. Died.
Post-mortem 217. Perforation of appendix at site of growth.

ENDOTHELIOMA.

- U. 5778. Inguinal gland. Excised.

SECONDARY MALIGNANT DISEASE.

- U. 6078. Cervical. Primary growth not located.

DISEASES OF THE NECK.

CUT THROAT.

- U. 6118. Suicidal. Sutured.

CONGENITAL CYSTS.

(a) *Dermoids*.

- T. 4. Aged 19. Mid-line between insertion of sterno-mastoid muscles.
 No relation to thyroid. Excised.

(b) *Thyroglossal*.

- W. 273. Extending from hyoid downwards superficial to infrahyoid muscles as far as manubrium sterni. Excised with portion of hyoid bone.
 M. 200. Excised with portion of hyoid bone.
 M. 464. Excised.
 U. 5820, 5961. Excised.

(c) *Branchial Cyst*.

- T. 49. Anterior triangle. Excised.
 M. 448. Anterior triangle. Excised.
 M. 533. Posterior triangle. Excised.
 U. 5783. No operation.

TUMOURS OF CAROTID BODY.

J.T. 36. Excised.

U. 6156. Aged 34. Noticed for twelve years. Excised.

ACUTE THYROIDITIS.

T. 37. Attacks of weakness of voice, swelling of neck and dysphagia extending over twelve months. Febrile. Palliative treatment. Symptoms and signs subsided.

DIFFUSE ADENOMATOUS OR CYSTIC GOITRE.

T. 103, 153. Excision of major portion of both lobes and isthmus.

W. 114. Age 11. Stridor. Removal of major portion of both lobes and isthmus.

M. 214, 483. Excision of major portion of both lobes and isthmus.

M. 509. Hemithyroidectomy.

U. 5569. No operation.

U. 6215. Hemithyroidectomy.

LOCALIZED ADENOMATOUS OR CYSTIC GOITRE.

T. 21, 35, 123. Adenoma enucleated.

T. 13, 124, 143. Cyst enucleated.

T. 147. Hemithyroidectomy.

W. 183, 223, 262. Adenoma enucleated.

M. 184. Hemithyroidectomy.

U. 5655. Hemithyroidectomy.

U. 5894, 5904, 6231. Enucleated.

TOXIC GOITRE.

T. 19. Previous partial thyroidectomy. Rest in bed.

T. 2, 22, 71, 162, 165, 187, 192. Hemithyroidectomy.

T. 180, 186. Excision of major portion of both lobes and isthmus.

W. 154, 315. Hemithyroidectomy.

W. 408. Excision of major portion of both lobes and isthmus.

M. 36, 50, 207, 349, 398, 424, 526. Hemithyroidectomy.

M. 64. Adenoma enucleated.

M. 439. Excision of major portion of both lobes and isthmus.

M. 485. Tonsillectomy.

J.T. 48. Excision of major portion of both lobes and isthmus. Died.
Post-mortem 135.

J.T. 57, 289. Excision of major portion of both lobes and isthmus.

J.T. 75, 179. Hemithyroidectomy.

J.T. 272. Re-admission J.T. 75 above. Excision of major portion of remaining lobe.

J.T. 77. Acute appendicitis. Palliative treatment. Interval appendectomy. Subsequent excision of major portion of both lobes and isthmus.

J.T. 217. Operation postponed owing to mental instability.

J.T. 218. Previous hemithyroidectomy. Ligature of superior thyroid artery.

MYXCEDEMA.

T. 8.

CARCINOMA OF THYROID.

T. 39. Partial thyroidectomy previously (see T. 269/1928). Dysphagia following X-ray therapy. Better.

T. 81. Same case. Local recurrence. Dysphagia and dyspnoea. Died. *Post-mortem* 166.

U. 5554. Partial thyroidectomy 1927 (U. 4309). Excision of remainder of thyroid and glands.

CERVICAL RIB.

T. 171. No operation.

J.T. 45. Excision of fibrous band and portion of seventh cervical transverse process.

DISEASES OF THE JAW.

POLYPUS OF GUM.

M. 241. Excised.

U. 6094. Excised.

CARCINOMA OF GUM.

T. 100. Lower jaw. Radium therapy.

T. 164. Same case as T. 100. Excision of cervical glands.

U. 6124. Upper jaw. Gland dissection. Insertion of radium. Subsequent excision of upper jaw. Radium No. 1068.

ALVEOLAR ABSCESS.

T. 78. Internal incision. Extraction of teeth.

T. 106. Teeth extracted.

W. 28. Teeth extracted.

W. 35. Upper jaw. Teeth extracted some weeks previously. Admitted with signs of cavernous sinus thrombosis. Died. *Post-mortem* 53. Pus in antrum of Highmore. Backward spread through basi-sphenoid to cavernous sinus.

W. 125, 127. External incision and drainage.

M. 20. External incision and drainage.

M. 530. Extraction of tooth.

J.T. 66. Sequestrectomy.

J.T. 290. Extraction of teeth.

U. 5552, 5692, 6074. Internal incision and drainage.

U. 5534, 5779. External incision and drainage.

U. 5628. Internal incision and tooth extraction.

U. 5850. External incision and tooth extraction.

ODONTOMES.

W. 56. Dentigerous cyst. Previous attempted removal. Recurrence. Excision.

W. 151. Same case as W. 56. Recurrent cyst punctured. Insertion of radium needles.

W. 164. Previous operation for fibrocystic disease of lower jaw. No recurrence.

U. 5905, 6245. Dental cyst. Incised and curetted.

U. 6120. No operation.

MYELOID EPULIS.

U. 6238. Local excision.

OTHER DENTAL CONDITIONS.

M. 460. Chronic abscess of upper jaw. Abscess drained.

J.T. 104. Retained stump. Removed.

IMPACTED WISDOM TEETH.

T. 62, 73, 94. Excised.

J.T. 243. Excised.

ACTINOMYCOSIS.

T. 50. Sinuses. Curetted. Sequestrectomy. Iodine medication.

DISEASES OF THE TONGUE.

SIMPLE ULCER.

M. 74. Excised.

SYPHILIS.

U. 5899. Gumma and chronic superficial glossitis.

ACTINOMYCOSIS.

J.T. 193. Affecting glands of anterior triangle, probably secondary to tongue. Excision of diseased tissue. Iodine therapy.

CARCINOMA.

T. 59. Local excision.

T. 60. Same case as T. 59 above. Recurrence in glands: excised.

T. 136. Same case as T. 59 above. Recurrence in tongue and in glands. Insertion of radium needles in tongue: radium collar to neck. Radium No. 1100. Died. *Post-mortem* 239. Purulent bronchitis.

T. 151. Carcinoma excised eleven years previously with glands. Leukoplakia. Biopsy. No sign of recurrence.

T. 173. Previous local excision 1927. Recurrence in tongue and glands. No operation.

W. 24. Excision of glands previously. Insertion of radium needles to growth. Radium No. 650.

W. 132. Insertion of radon seeds. All pulled out by patient.

W. 353. Insertion of radium needles. Radium No. 1120.

W. 363. Insertion of radium needles. Excision of glands of submaxillary triangles and insertion of radium needles in neck. Radium No. 1092.

M. 91. Excision of glands. Local excision of growth by cheek split. Two stage.

M. 94. Same case as M. 91 above. Excision of local recurrence by median jaw split.

M. 150. Inoperable.

M. 198. Woman, aged 33. Original operation 1927. Excision of recurrence in glands.

M. 443, 297. Same case as M. 198 above. Insertion of radium needles. Radium No. 1037.

U. 5721. Posterior third. Insertion of radon seeds. Subsequent gland dissection. Readmitted later (U. 5959) with recurrence in tongue. Insertion of radon seeds. Radium No. 1063.

U. 5885. Local excision elsewhere February 1928. Local recurrence excised and glands excised April 1928 (U. 5038). Local recurrence June 1929: insertion of radium needles. Radium No. 1025. Subsequent local recurrence: diathermy excision.

U. 6080. Dorsum. Insertion of radium needles. Radium No. 1097. Subsequent readmission (U. 6257) for excision of glands.

U. 6175. Insertion of radium needles. Radium No. 1099. Subsequent gland dissection,

DISEASES OF SALIVARY GLANDS AND FLOOR OF MOUTH.

INFLAMMATION.

T. 153. Chronic of submaxillary. Gland excised.

W. 351. Chronic of submaxillary. No operation.

U. 6266. Chronic of submaxillary. No operation.

SALIVARY CALCULUS—SUBMAXILLARY.

- T. 98. Gland excised.
- W. 15, 89. Gland excised.
- M. 26. Calculus excised.
- M. 224. Gland excised.
- U. 5687, 5821, 6184. Calculus excised through floor of mouth.

PAROTID CYST.

- U. 5758. Excised.

PAROTID TUMOUR.

- W. 215. Mixed. Excised.
- M. 336. Mixed. Excised.
- U. 6010. Previous excision, 21, 7, 4 and 3 years ago. Recurrence excised.
- U. 6176. Excised.

CARCINOMA OF FLOOR OF MOUTH.

- W. 375. Extensive. Insertion of radium needles into tongue and alveolus. Stent mould over ulcer. Radium No. 1086.
- W. 416. Same case as W. 375 above. Bilateral gland dissection of submaxillary triangle. Insertion of radium needles in base of tongue.
- U. 5856. Insertion of radon seeds. Radium No. 1011. Subsequent gland dissection. Readmitted (6233), weal recurrence. Diathermy excision.

SIMPLE ULCER.

- J.T. 96. Biopsy.

FACE, LIPS, PALATE, AND CHEEK.

HARE LIP.

- W. 509. No operation.

CLEFT PALATE.

- W. 52. Aged 3. And hare lip. Repair of lip. Repair.
- W. 395. Same case as W. 52. Palate united except for a small hole. Partial reconstruction of nostril.
- M. 7. Aged 8. Lane's operation. Strengthened by Thiersch graft.
- M. 536. Aged 2. Hare lip repaired eight months ago. Soft palate repaired.
- M. 415. Aged 3. Langenbeck's operation.
- U. 5560, 6058. Repair.

CARCINOMA.

- T. 1. Palate. Excision by cheek split.
- T. 74. Same case as T. 1. Excision of glands of neck. No local recurrence.
- T. 57. Uvula. Excision of growth. Excision of glands of neck. Two stage.
- T. 159. Same case as T. 57. Recurrence in glands. Excised. Died twelve hours later. *Post-mortem* 280. Mediastinal emphysema.
- T. 66. Uvula. Insertion of radon seeds.
- T. 80. Hard palate and alveolus. Insertion of radium needles. Radium No. 1024.
- T. 90. Same case as T. 80. Radium on Columbia paste collar to neck.
- T. 86. Lip. Excised.
- W. 296. Hard palate. Insertion of radium needles. Subsequent insertion of needles into tissues of anterior triangle of neck. Radium No. 1015.

CARCINOMA—(continued).

- W. 297. Same case as W. 296. Local recurrence. Insertion of radium needles.
- W. 323. Cheek. Readmission W. 230, 28. Previous radium therapy and excision of glands. Local recurrence. Insertion of radium needles. Radium No. 653.
- W. 330. Soft palate. Insertion of radium needles. Radium No. 1104.
- W. 354. Uvula. Diathermy excision. Insertion of radium needles. Radium No. 1114.
- M. 121. Lip. No operation.
- M. 211. Lip. Excision of cervical glands. Subsequent insertion of radium needles. Radium No. 1000.
- M. 378. Same case as M. 211 above. Local recurrence. Insertion of radium needles.
- M. 537. Same case as M. 378 above. Died. *Post-mortem* 308. Pulmonary embolus. Recurrence in glands of neck.
- M. 212. Lip. Insertion of radium needles. Radium No. 1001.
- M. 491. Same case as M. 212. Further radium treatment.
- M. 232. Primary in palate treated elsewhere with radon seeds. Insertion of radium needles into glands of neck. Radium No. 1007.
- M. 390. Same case as M. 232. No local recurrence in palate. Further insertion of radium needles into glands.
- J.T. 114. Palate. No operation.
- J.T. 222. Cheek. Radon seeds on dental plate. Subsequent excision of glands and implantation of radon seeds into wounds. Radium No. 1115.
- U. 5764. Palate. Radon seeds on dental plate. Radium No. 1121. Subsequent gland dissection. Readmitted (5939). Remains of primary growth excised by diathermy. Readmitted 6024, 6294. Excision of recurrence in neck.

SARCOMA OF PALATE.

- W. 340. Aged 18. Insertion of radium needles. Radium No. 1103.

NÆVUS.

- T. 5. Lip. Excised.

SIMPLE ULCER OF MOUTH.

- U. 6160. Diathermy excision.

DISEASES OF THE ŒSOPHAGUS.

DIVERTICULA.

- T. 12. Excision of pouch in one stage.
- T. 77. Excision of pouch in one stage.
- T. 150. Pouch excised 1928. Residual sinus. No operation.

FOREIGN BODY.

- T. 126. Fish bone. Œsophagoscopic removal.
- J.T. 32. Tooth-plate: Œsophagoscopic removal.
- J.T. 124. Mutton bone: Œsophagoscopic removal.

OBSTRUCTION—NOT MALIGNANT.

- T. 16. Simple ulcer of lower end. Dilatation.
- W. 322. Lower end. Previous dilatation, 1925. Dilatation.
- M. 350. Cardiospasm. Passage of Hurst's tube before meals.
- M. 364. Following hydrochloric acid ulceration. Dilatation.

CARCINOMA.

- T. 68, 112. Gastrostomy.
 T. 117. Gastrostomy. Broncho-pneumonia. Died. *Post-mortem* 210.
 W. 104, 293, 298, 317, 336. Gastrostomy.
 W. 209. Gastrostomy. Growth exposed extrapleurally with a view to insertion of radon seeds, but found too extensive.
 W. 218. Gastrostomy. Growth exposed by thoracotomy, pleura being opened. Too extensive for radon seeds.
 M. 153. No operation.
 M. 413. Gastrostomy. Broncho-pneumonia. Died. *Post-mortem* 251.
 M. 481. Gastrostomy.
 J.T. 41. Gastrostomy. Growth exposed by thoracotomy extra-pleurally. Radon seeds inserted. Died. *Post-mortem* 123. Pyo-pneumothorax.
 U. 5650. Implantation of radon seeds by trans-pleural thoracotomy. Died. *Post-mortem*, 71. Pneumonia.
 U. 5695. Implantation of radon seeds by trans-pleural thoracotomy. Also insertion of radium into lumen of œsophagus in rubber tube. Died seven months later ; growth ulcerated into trachea. Radium No. 691.

DISEASES OF STOMACH AND DUODENUM.

GASTROPTOSIS.

- U. 6043. No operation.

FOREIGN BODY.

- M. 162. Safety-pin. Passed spontaneously.

HÆMATEMESIS.

- M. 145. Laparotomy.
 M. 488. Same case as M. 145. Readmitted with abdominal pain. Transferred to Dr. Bolton.

GASTRIC NEUROSIS.

- W. 284. Medical treatment.

INFANTILE PYLORIC STENOSIS.

- M. 429. Aged 5 weeks. Male. Rammstedt's operation. Died. *Post-mortem* 273. Local condition, satisfactory. Broncho-pneumonia.
 U. 5648. Male. Rammstedt's operation. Died five months later. No *Post-mortem*.
 U. 5943. Female. 6187. Male. Rammstedt's operation.

GASTRIC ULCER.

- W. 45. Previous posterior gastro-jejunostomy elsewhere. Laparotomy kink in jejunal loop found. Adhesions divided.
 W. 109. Pre-pyloric. Posterior gastro-jejunostomy.
 W. 118, 199. Lesser curvature. Partial gastrectomy anterior end to side.
 W. 225. Lesser curvature. Sleeve resection.
 M. 39. Partial gastrectomy, end to side, 1928. Abdominal pain : no sign of anastomotic ulcer. Medical treatment.
 M. 82, 294, 302, 310, 417. Lesser curvature, partial gastrectomy anterior end to side.
 M. 134. Lesser curvature : posterior gastro-jejunostomy.
 M. 177. Jejunostomy.
 M. 318. Laparotomy.
 M. 322. Perigastric adhesions. Posterior gastro-jejunostomy.

GASTRIC ULCER—(continued).

- M. 330. Sleeve resection 1925. Recurrence of ulceration at operation site. Medical treatment.
- M. 338. Sleeve resection 1927. Recurrence of ulceration at operation site. Partial gastrectomy anterior end to side.
- M. 450, 500, 3. Medical treatment.
- M. 522. Hour-glass. Partial gastrectomy, anterior end to side. Severe post-operative vomiting. Laparotomy. Entero-anastomosis. Pneumonia. Died. *No post-mortem*.
- J.T. 19. Pre-pyloric. Partial gastrectomy, anterior end to side. Died. *Post-mortem* 25. Dilatation of stomach. Broncho-pneumonia.
- J.T. 221. Partial gastrectomy 1927. Pulmonary tuberculosis.
- J.T. 250. Lesser curvature. Partial gastrectomy, anterior end to side. Lung abscess. Rib resection and drainage.
- J.T. 265. Lesser curvature. Local resection of ulcer and anterior gastro-jejunostomy.
- U. 5581, 5809. Lesser curvature. Sleeve resection.
- U. 5604, 5620. Lesser curvature. Partial gastrectomy, anterior end to side.
- U. 5729. Dental extraction.
- U. 5875, 5972. Pyloric. Anterior gastro-jejunostomy.
- U. 5967. Pyloric. Partial gastrectomy, anterior end to side.
- U. 6016. Pyloric. Partial gastrectomy, anterior end to side. Wound burst open: re-sutured. Died. *Post-mortem* 206. Peritonitis.

GASTRIC ULCER WITH HÆMATEMESIS.

- U. 6044. Lesser curvature. Partial gastrectomy, anterior end to side. Died. *Post-mortem* 214.

GASTRIC AND DUODENAL ULCERS.

- W. 207. Partial gastrectomy, anterior end to side.
- M. 22. Partial gastrectomy, anterior end to side. Jejunostomy. Died. *Post-mortem* 58. Sub-hepatic abscess. Pneumonia.
- M. 217. Partial gastrectomy, anterior end to side.
- M. 251. Partial gastrectomy, posterior end to side.

JEJUNAL ULCER.

- M. 215. Posterior gastro-jejunostomy for duodenal ulcer fourteen months previously. Resection, end to end.

PERFORATED GASTRIC ULCER.

- W. 176. Ulcer oversewn. Posterior gastro-jejunostomy.
- W. 233. Perforated ulcer treated by partial gastrectomy, anterior end to side one year previously. Abscess round duodenal stump drained.
- W. 249. Ulcer sutured.
- J.T. 170. Ulcer sutured. Died suddenly four days later. *Post-mortem* 188. Suture sound. Hæmorrhage from vessel in base of ulcer.
- U. 5557. Perforated forty-four hours. Sutured. Died. *Post-mortem* 18. General peritonitis.

CARCINOMA OF STOMACH

- W. 8. Partial gastrectomy. Died. *No post-mortem*.
- W. 337. Posterior gastro-jejunostomy for pyloric obstruction eight years previously. Free from all symptoms until preceding nine months. Laparotomy. Carcinoma of stomach, multiple secondary deposits.
- W. 384. Gastrostomy.

CARCINOMA OF STOMACH—(continued).

- M. 165. Posterior gastro-jejunostomy. Died. *Post-mortem* 106. Gangrene of lung.
 M. 339. Resection, anterior end to side.
 M. 352. Gastrostomy.
 M. 388, 391. Laparotomy : inoperable.
 J.T. 54. Laparotomy : inoperable. Died. No *post-mortem*.
 J.T. 58, 143, 253. Laparotomy : inoperable.
 J.T. 149. Laparotomy. Implantation of radon seeds.
 J.T. 295. Jejunostomy.
 U. 5555. Partial gastrectomy, anterior end to side. Died. *Post-mortem* 10. Broncho-pneumonia.
 U. 5567, 6038. Partial gastrectomy, anterior end to side.
 U. 5829, 6147. Cardiac end. Gastrostomy.
 U. 5842. Partial gastrectomy, anterior end to side. Died. *Post-mortem* 146. General peritonitis.
 U. 5897. Inoperable.

DUODENAL ULCER.

- T. 56. Posterior gastro-jejunostomy—1927. Recurrence of symptoms. Laparotomy. Adhesions divided. No sign of jejunal ulcer.
 W. 26, 276, 285, 393. Posterior gastro-jejunostomy.
 W. 261. Medical treatment.
 M. 1. Previous gastro-jejunostomy for duodenal ulcer thirteen years ago. Recurrence of symptoms and hæmatemesis. Local excision of ulcer. Post-operative lung abscess : rib resection and drainage.
 M. 13. Resection, end to end. Died. *Post-mortem* 7. General peritonitis. Leakage at suture line.
 M. 83, 259, 340, 508. Posterior gastro-jejunostomy.
 M. 93. Posterior gastro-jejunostomy. Severe vomiting. 10 days after operation not yielding to lavage. Laparotomy. Stomach incised and acute anastomotic ulcer found. Stomach closed : anastomosis of afferent and efferent jejunal loops : jejunostomy. Better.
 M. 125. Posterior gastro-jejunostomy and appendicectomy.
 M. 151. Previous gastro-jejunostomy. Resection of first part of duodenum and pylorus.
 M. 204. Posterior gastro-jejunostomy. Massive collapse of lung. Two months later vomiting still present, and no barium passing through stoma. Laparotomy. Jejunal loop found strangulated by transverse mesocolon. Freed : stomach anchored to transverse mesocolon. Better.
 M. 209, 406. Medical treatment.
 M. 216, 285, 414, 419, 421, 523. Resection, anterior end to side.
 M. 431. Resection, anterior end to side. Died. *Post-mortem* 282. Infarction of jejunal loop owing to volvulus.
 M. 442. Posterior gastro-jejunostomy. Injury to common bile-duct. Cholecyst gastrostomy. Died. *Post-mortem* 300. Broncho-pneumonia.
 J.T. 17. Previous gastro-jejunostomy. No operation.
 J.T. 98. Posterior gastro-jejunostomy. Ileus. Entero-anastomosis and jejunostomy. Died. *Post-mortem*.
 J.T. 138. Medical treatment.
 J.T. 139. Posterior gastro-jejunostomy. Developed pulmonary tuberculosis.
 J.T. 142, 163. Resection, anterior end to side.
 J.T. 276. Pyloric obstruction. Pulmonary tuberculosis. Posterior gastro-jejunostomy under local anæsthesia. Died. No *post-mortem*.
 U. 5647. Posterior gastro-jejunostomy.

DUODENAL ULCER—(continued).

- U. 5836, 6216. Resection, anterior end to side.
- U. 6019. Previous cholecyst-gastrostomy for obstructive jaundice (4083). Pyloric obstruction. Anterior gastro-jejunostomy.
- U. 5848, 6174. Anterior gastro-jejunostomy.
- U. 6057. No operation.

DUODENAL ULCER WITH HÆMATEMESIS.

- W. 219. Resection, anterior end to side. Blood transfusion.

PERFORATED DUODENAL ULCER.

- T. 9. Ulcer oversewn. Posterior gastro-jejunostomy.
- W. 29. Ulcer oversewn. Posterior gastro-jejunostomy.
- W. 403. Perforation oversewn. No drainage.
- J.T. 71. Ulcer oversewn. Posterior gastro-jejunostomy.
- J.T. 127. Perforation oversewn. Posterior gastro-jejunostomy. No drainage. [Has since developed a jejunal ulcer within twelve months.]
- U. 5805. Perforation oversewn. Posterior gastro-jejunostomy.

DISEASES OF THE INTESTINES.

CONGENITAL DEFORMITY.

- W. 307. Severe rectal hæmorrhage, no local cause. Laparotomy. Meckel's diverticulum and gut below distended with blood. Diverticulum resected; blood transfusion. Better. Microscopic section showed presence of gastric mucous membrane in diverticulum, but no ulcer.
- U. 5697. New-born infant. Acute obstruction. Ileostomy. Died. *Post-mortem* 865. Ileum obstructed by hole in mesentery.

EXTERNAL FISTULA.

- U. 5882. Following nephrectomy. Transverse colon anastomosed to sigmoid. Fistula closed.

INTESTINAL OBSTRUCTION.

Strangulated inguinal hernia.

- W. 34. Rupture of loop of bowel following reduction elsewhere. Laparotomy. Suture. Influenza. Died. *Post-mortem* 48. Suture sound. Bronchitis.
- W. 72. Bassini and excision of sac.
- M. 327. Bassini and excision of sac. Pulmonary infarct.
- J.T. 47. Abscess round strangulated loop (*B. welchii* on culture). Resection. Drainage of gut proximal to suture line. Better.
- J.T. 213. Bassini and excision of sac. Inhalation pneumonia. Died. No *post-mortem*.
- U. 5855. Two days. Resection of small intestine. Bassini and excision of sac.
- U. 6204. Ten hours. Bassini and excision of sac.
- U. 6241. Twenty hours. Bassini and excision of sac. Paralytic ileus. Jejunostomy. Died. *Post-mortem* 287.

Strangulated femoral hernia.

- W. 381. Radical cure.
- M. 362. Radical cure.
- J.T. 166. Richter. Radical cure. Post-operative auricular fibrillation.

INTESTINAL OBSTRUCTION—(continued).

Strangulated umbilical hernia.

- W. 333. Reduction and repair.
- M. 466. Reduction and repair.
- U. 5744. Twenty-four hours. Reduction and repair.

Strangulated obturator hernia.

- U. 6106. Four days. Partial. Reduced.

Strangulated diaphragmatic hernia.

- W. 122. Transverse colon. Laparotomy. Died. No *post-mortem*.

Strangulated internal hernia.

- U. 6239. Small intestine in peritoneal pouch forty-eight hours. Resection. *Post-mortem* 281.

Adhesions.

- W. 76. Constriction of small intestine, due to tuberculous mesenteric gland. Lateral anastomosis to short-circuit stenosis.

- W. 311. Previous operations for appendicitis, ventral hernia and obstruction. Laparotomy. Adhesions divided. Died. *Post-mortem* 253. Intestine much matted together. Broncho-pneumonia.

- M. 164. Previous appendectomy. Obstruction for one week. No operation. Died. *Post-mortem* 100. Peritonitis. Adhesion in right iliac fossa obstructing ileum.

- M. 454. Subtotal hysterectomy twenty-four days previously. Obstructed three days. Laparotomy. Adhesions divided. Died. *Post-mortem* 299.

Carcinoma.

- W. 197. Splenic flexure. Anastomosis over tube to short-circuit growth. Died. No *post-mortem*.

- W. 207. Small intestine. Drainage of gut proximal to growth. Subsequent resection. Died. *Post-mortem* 183. Primary in lung; secondary, deposit in intestine.

- J.T. 256. Sigmoid colon. Cæcostomy. Subsequent resection and end-to-end anastomosis

Volvulus.

- J.T. 42. Descending colon. Untwisted.

- J.T. 278. Same case as J.T. 42. Readmitted again acutely obstructed. Laparotomy: volvulus untwisted. Subsequent resection, end-to-end anastomosis, no cæcostomy.

Intussusception.

- W. 303. Aged 2. Laparotomy. Entero-colic. Reduced.

- U. 5516, 6049, 6253. Reduced.

- U. 5924. Resection. Died. No *post-mortem*.

ADHESIONS.

- M. 403. Previous cholecystectomy. Laparotomy. Adhesions divided.

CONSTIPATION.

- M. 126, 171, 360.

- U. 5533, 5641, 5651, 5662, 6047, 6166, 6210.

MESENTERIC THROMBOSIS.

- W. 180. Laparotomy. Gangrenous loop of gut resected. Died. *Post-mortem* 171. Thrombosis of superior mesenteric artery.

MUCOUS COLITIS

- W. 251. Symoidoscopy.
- W. 265. Laparotomy. Appendicectomy.
- M. 117. Sigmoidoscopy.
- M. 250. Cæcostomy and lavage.
- M. 438. Same case as M. 250. Closure of cæcostomy.
- J.T. 73. Sigmoidoscopy.

ULCERATIVE COLITIS.

- W. 23, 347. Appendicostomy and lavage.
- J.T. 159. Appendicostomy and lavage. Died. *No post-mortem*.
- J.T. 216. Transferred to Dr. Poynton.
- U. 5784. Transferred to Medical Ward.

DIVERTICULITIS.

- W. 88. No operation.
- W. 277. With pericolic abscess. Abscess drained. Cæcostomy. Subsequent colostomy and closure of cæcostomy.
- M. 35. Transverse colostomy.
- M. 178. Same case as M. 35. Vagino-colic fistula. No operation.
- J.T. 10. No operation.
- U. 6041. No operation.

TUBERCULOSIS (see also "Acute Intestinal Obstruction").

- M. 17. Strictures of small intestine. Lateral anastomosis to short-circuit obstruction.
- M. 137. Strictures of small intestine. Entero-enterostomy.

SARCOMA.

- U. 5711. Sarcoma of ileum and carcinoma of sigmoid. Resection. Cæcostomy. Died. *Post-mortem* 96. Broncho-pneumonia.

CARCINOMA (see also "Acute Intestinal Obstruction").

- W. 86. Hepatic flexure. Ileo-transverse colostomy.
- W. 133. Cæcum. Laparotomy. Multiple secondary deposits.
- W. 185. Sigmoid colon. Intussusception. Reduced: loop brought outside wound. Resected ninth day. Subsequent side-to-side anastomosis.
- W. 235. Transverse colon. Pericolic abscess pointing through anterior abdominal wall. Excision of abscess and growth: side-to-side anastomosis.
- W. 308. Sigmoid colon. Descending colostomy already performed. Acute obstruction, from small intestine being strangulated to outer side of colostomy. Loop freed. Died. *Post-mortem* 246. Invasion of bladder and ascending pyelo-nephritis.
- W. 342. Same case as W. 235 above. Closure of colostomy which formed at site of anastomosis.
- M. 206. Splenic flexure. Anastomosis transverse to pelvic colon. Subsequent resection. Died. *Post-mortem* 127. General peritonitis.
- M. 306. Transverse colon. Pericolic abscess infiltrating abdominal wall. Incised elsewhere. Cæcostomy. Laparotomy. Secondary deposits in liver.
- M. 376. Splenic flexure. Resection and end-to-end anastomosis: cæcostomy. Died. *No post-mortem*.
- M. 425. Splenic flexure. Ileo-sigmoid anastomosis. Subsequent resection. Died. *Post-mortem* 277.
- U. 5589. Transverse colon. Cæcostomy. Subsequent resection.
- U. 5600. Splenic flexure. Resection and cæcostomy. Died. *Post-mortem* 43. Peritonitis.
- U. 5685. Pelvic colon: excised 1927 (4664). Permanent colostomy. Recurrence in distal loop. Perineal excision.

CARCINOMA—(continued)

- U. 5757. Sigmoid colon. Resection and cæcostomy. Died. *Post-mortem* 111. Peritonitis.
 U. 6028. Cæcum. Pericæcal abscess incised and drained. Subsequent readmission. Cæcum excised.
 U. 6048. Sigmoid colon. Colostomy.
 U. 6237. Descending colon. Resection. Died. *Post-mortem* 276. Broncho-pneumonia.

ABDOMINAL PAIN.

- T. 26, 41. Enemata.
 T. 88, 154. Appendicectomy.
 W. 3. Sigmoidoscopy.
 W. 53, 60, 63, 70, 94, 139, 158. No operation.
 W. 128. Appendicectomy.
 W. 356. Cystoscopy and pyelography.
 M. 47, 313, 315, 357, 409, 453, 517. Appendicectomy.
 M. 56, 97, 242, 348, 440, 490, 495, 507, 514. No operation.
 M. 263, 298, 380, 392, 504. Sigmoidoscopy.
 M. 309, 420. Laparotomy.
 J.T. 28. Sigmoidoscopy.
 J.T. 84, 93, 136, 200, 228, 231, 240, 244, 262, 279. No operation.
 J.T. 160. Pyelography.
 J.T. 176. Appendicectomy.
 U. 5514, 5529, 5699, 5702, 5713, 5862, 6005, 6122, 6139, 6140, 6220. Sigmoidoscopy.
 U. 5519, 5521, 5690, 5834. Laparotomy.
 U. 6055. Laparotomy. Readmitted 6168. Hæmatoma in scar incised.
 U. 5522. Laparotomy. Distended sigmoid colon resected.
 U. 5582, 5597, 5603, 5955, 5999, 6207. Appendicectomy.
 U. 5585, 5653, 5664, 5755, 5884, 5886, 5982, 6004, 6033, 6138, 6210. No operation.
 U. 6199, 6268. Cholecystography.

ENTERITIS.

- U. 5753. Laparotomy. Died. Coroner's *post-mortem*. Acute enteritis.

HERNIA.

(For *Strangulated Hernia* see under *Acute Intestinal Obstruction*.)

INGUINAL.

Excision of Sac.

- W. 190, 242, 248.
 M. 111, 155, 268, 314.
 J.T. 32, 97.
 U. 5517, 5718, 5996, 6021, 6030, 6040.

Bassini. Thread or Catgut Suture.

- T. 53, 92, 133.
 W. 37, 65, 116, 135, 186, 246, 250, 272, 273, 289, 292, 302, 360, 369, 373, 409.
 M. 21, 43, 106, 161, 248, 269, 289, 320, 386, 472.
 J.T. 46, 65, 103, 109, 128, 165, 195, 197.
 U. 5528, 5559, 5578, 5693, 5694, 5696, 5742, 5805, 5810, 5819, 5835, 5845, 5874, 5906, 5945, 5995, 6084, 6090, 6117, 6141, 6188, 6209, 6213, 6223, 6267.
 U. 6152. Also femoral hernia.
 U. 5735. Pulmonary emboli, 5th, 13th and 24th days. Died. No *post-mortem*.

INGUINAL—(continued).

Bassini. Fascial Suture.

- W. 173, 192, 253.
- M. 119. Sliding.
- M. 210, 308, 458, 480, 502, 527.
- J.T. 30, 67.
- U. 5998, 6245.

No Operation.

- W. 74, 410.
- M. 109. Child. Aged 6 weeks. Irreducible. No sign of obstruction. Reduced by suspension.
- M. 131, 208, 354.
- U. 5830, 6221.

With Hydrocœle.

- M. 299, 343.

Recurrent.

- J.T. 39. Fascial suture.
- U. 5550. Operation 3 months previously (5199). Excision of sac.
- U. 5727. Operation 1 year ago. Sliding. Bassini: appendicectomy. Thread.
- U. 5803. Operation 21 years ago. Recurrence 15 years. Sliding. Bassini: appendicectomy. Thread.

FEMORAL.

- W. 16, 95, 257. Radical cure by inguinal route. Thread.
- M. 68, 70, 423. Radical cure by inguinal route. Thread.
- M. 461. Radical cure by inguinal route. Fascia.
- J.T. 44. Radical cure by inguinal route. Thread.
- J.T. 148. Radical cure by inguinal route. Fascia.
- J.T. 239. Recurrent. Radical cure by inguinal route. Fascia.
- U. 5642, 5717, 5876, 5909, 5981, 6073, 6170. Radical cure by inguinal route. Thread.

No Operation.

- U. 5602.

UMBILICAL.

- T. 83, 138. Radical cure. Thread.
- W. 62. Radical cure. Thread.
- W. 213. No operation.
- M. 23. Infantile. Radical cure.
- M. 92. Radical cure. Fascia.
- M. 158, 271. Radical cure. Thread.
- J.T. 43. Radical cure. Catgut.
- U. 5818. Infantile. Radical cure.
- U. 5994. No operation.

POST-OPERATIVE: T. 15. Following suprapubic stab wound for drainage. Repair.

- W. 28. Following muscle-splitting incision for appendicectomy. Repair.
- W. 273. Following suprapubic stab wound. Repair.
- J.T. 234. Following mid-line incision for myomectomy. Sub-total hysterectomy and repair.
- U. 5553, 6167. Repair.

LINEA ALBA.

- U. 6222. Repair.

DISEASES OF THE APPENDIX.

ACUTE APPENDICITIS.

Appendicectomy. No drainage.

T. 55, 64, 119, 120.

W. 31, 105, 123, 166, 171, 174, 252, 263, 270.

M. 45, 87, 127, 157, 172, 173, 188, 245, 278, 304, 370, 407, 408, 471, 489, 499, 519.

M. 311. Aged 22. Subsequent rise of temperature. Died during induction of anæsthetic preliminary to laparotomy. Coroner's *post-mortem*. No abnormality found anywhere.

J.T. 1, 72, 88, 119, 140, 147, 161, 167, 177, 180, 208, 232, 260, 271.

U. 5580, 5637, 5682, 5748, 5831, 5844, 5942, 5944, 5964, 6026, 6071, 6113, 6123, 6162, 6173, 6194, 6196, 6198, 6254, 6280.

U. 5865. Pulmonary emboli. Recovery.

Appendicectomy and drainage.

T. 6, 89, 105, 104, 128, 132.

T. 134. Subphrenic abscess. Drained.

W. 13, 40, 75, 77, 130, 138, 140, 162, 194, 198, 205, 239, 352, 362, 364, 383, 387, 389, 398, 406.

M. 54, 57, 69, 73, 85, 124, 160, 196, 246, 258, 273, 319, 359, 361, 394, 422, 427, 432, 469, 478, 506.

M. 257. Aged 57. Pleural effusion aspirated. Died. *Post-mortem* 136. Subphrenic abscess.

M. 538. Abscess drained. Subsequent removal of appendix.

J.T. 18. Aged 59. General peritonitis. Appendix removed. Jejunostomy. Died. *Post-mortem* 94.

J.T. 31, 50, 53, 56, 92, 99, 106, 129, 133, 146, 174, 204, 235, 246, 270, 273, 274, 275, 287.

J.T. 296. Subphrenic abscess. Drained.

U. 5501, 5542, 5565, 5587, 5639, 5668, 5679, 5709, 5740, 5893, 5915, 5926, 5968, 5970, 5977, 6017, 6065, 6137, 6195.

U. 5507. Subphrenic abscess. Empyema. Drained. Recovery.

U. 5512. Acute dilatation of stomach. Recovery.

U. 5833. Aged 12. Peritonitis. Paralytic ileus. Jejunostomy. Died. *Post-mortem* 147.

U. 5974. Aged 45. Died. *Post-mortem* 198. Obstruction by adhesions. Paralytic ileus.

U. 6270. Aged 7. General peritonitis. Pneumonia. Died. No *post-mortem*.

Appendix not removed.

T. 93. Previous drainage of abscess elsewhere, appendix not removed. persistent fistula. Attempted removal of appendix unsuccessful.

W. 12, 50. Abscess drained.

U. 5684. Pelvic abscess, drained through rectum. Re-admitted (6036). Appendicectomy.

Interval Appendicectomy.

W. 19, 34, 365.

M. 279.

J.T. 79. Patient suffering from exophthalmic goitre.

J.T. 82, 116, 155, 158.

ACUTE APPENDICITIS—(continued).

No Operation.

T. 31.

U. 5564. Diagnosis pneumococcal peritonitis. Died. *Post-mortem* 23. Acute perforating appendicitis.

CHRONIC APPENDICITIS.

T. 121, 177.

W. 69.

M. 14, 16, 49, 132, 152, 163, 393, 410, 447, 455, 521.

J.T. 120, 184.

ACTINOMYCOSIS.

T. 114. Appendicectomy eight months previously. Recurrent abscesses and sinuses. Sinuses opened up. Died. No *post-mortem*.

DISEASES OF PERITONEUM.

RETROPERITONEAL HÆMORRHAGE.

T. 115. Laparotomy. Better.

ACUTE DIFFUSE PERITONITIS.

J.T. 4. Woman, aged 34. Laparotomy and drainage. Culture—*Streptococcus*. Died. *Post-mortem* 40. Abdominal viscera normal.

SUBPHRENIC ABSCESS.

U. 5646. Drained. Culture—*Staphylococcus aureus*.

TUBERCULOUS PERITONITIS.

W. 98. Transferred to Dr. Poynton.

PSEUDO-MYXOMA PERITONEI.

W. 339. Previous oöphorectomy for bilateral papilliferous non-malignant ovarian cysts. No operation.

CARCINOMA.

W. 338. Laparotomy. Primary growth not located.

DISEASES OF RECTUM AND ANUS.

PILES.

T. 140. Ligature and excision.

W. 6, 106, 254, 283. Ligature and excision.

W. 258, 328, 357. Injection.

M. 65. Injection.

M. 474. Ligature and excision.

M. 154. No operation.

J.T. 26, 115, 248. Injection.

J.T. 110, 284, 298. Ligature and excision.

U. 5503, 6096, 6100, 6265. Injection.

U. 5545, 5592, 5760, 5774, 5785, 5802, 5819, 5827, 5847, 5900, 5902, 5910, 5952, 6064, 6075, 6112, 6169, 6190, 6217, 6274. Ligature and excision.

U. 5698. Whitehead's operation.

U. 6256. No operation.

ANAL FISSURE.

T. 167. Excised.

M. 100, 115, 146. Excised.

ISCHIO-RECTAL ABSCESS AND SINUS.

- T. 149, 36. Sinus laid open.
 M. 416, 535. Sinus laid open.
 J.T. 6, 63, 105, 112, 297. Abscess. Incision and drainage.
 U. 5544, 5811. Sinus excised.

PROCTITIS.

- W. 379. Sigmoidoscopy. Rectal lavage.

FIBROUS STRICTURE.

- W. 259. Following application of radium for carcinoma of the cervix. Prolapsing colostomy. Colostomy repaired.

RECTAL PROLAPSE.

- M. 96. No operation.

POLYPUS.

- U. 5538. Excised.

CARCINOMA.

- T. 24. Excision 1924. No local or abdominal recurrence. Blood-stained pleural effusion. No radiological evidence of secondary deposits in lung.
 T. 33. Colostomy 1927: growth inoperable. Spread to peritoneum. Died. No *post-mortem*.
 T. 113. Inoperable. Colostomy.
 T. 152. Laparotomy. Insertion of radon seeds in meso-sigmoid. Insertion of radium needles around growth through perineum. Temporary decrease in size of ulcer. Further operation refused. Radium No. 1108.
 W. 169. Colostomy. Insertion of radium needles and radon seeds through perineum. Radium No. 1005.
 W. 226. Ulcerating into vagina. Preliminary colostomy. Subsequent perineo-abdominal excision.
 W. 227. Inoperable. Colostomy.
 W. 281. Inoperable.
 M. 147. Preliminary colostomy. Subsequent perineal excision.
 M. 192. Colostomy for inoperable growth 1928. Stenosis of stroma. Enlarged.
 M. 341. Operation refused.
 M. 346. Perineal excision 1925. Large perineal recurrence. Radium therapy. Radium No. 612.
 M. 510. Same case as M. 346 above. Further radium.
 M. 358. Inoperable. Colostomy.
 M. 371. Inoperable. Colostomy.
 M. 405. Laparotomy and colostomy. Wound burst: re-sutured.
 Pneumonia. Died. No *post-mortem*.
 J.T. 111. Inoperable. Colostomy.
 J.T. 125. Laparotomy. Widespread secondary deposits.
 U. 5601. No operation.
 U. 5691. General peritonitis. Died. *Post-mortem* 90.
 U. 5700. Abdomino-perineal excision.
 U. 5776. Colostomy. Insertion of radon seeds through perineum. Subsequent perineal excision.
 U. 5813. No operation.
 U. 6015. Colostomy. Died. *Post-mortem* 201. Suppurative pyelonephritis.

CARCINOMA—(continued).

- U. 6020, 6059. Colostomy.
- U. 6034. Colostomy. Perineal excision.
- U. 6251. General peritonitis. Laparotomy: drainage. Died. *Post-mortem* 284. Perforation through growth.

CARCINOMA OF ANUS.

- U. 5840. Perineal excision of rectum. Re-admitted (6182) with local and glandular recurrence. Radium needles to local recurrence: excision of of inguinal glands. [Died six weeks after leaving hospital.] Radium No. 1081.

DISEASES OF BILIARY APPARATUS AND PANCREAS.

LIVER INJURY.

- U. 5815. Aged 3. Bottle cut of abdominal wall involving liver. Sutured.

CIRRHOSIS.

- T. 46. Transferred to Dr. Elliott.
- W. 111. Splenectomy.
- J.T. 149. Aged 15. Ascites. Laparotomy. Died. *Post-mortem* 279. Multilocular cirrhosis.
- U. 5605, 6061. No operation.

CYSTS OF LIVER.

- U. 5858. Laparotomy. Group of cysts on under-surface of liver.

CARCINOMA.

- T. 191. Laparotomy.
- W. 221. Laparotomy. No primary growth located.

CYST OF COMMON BILE DUCT.

- U. 5705. Congenital cyst excised 1926 (3868). Attack of febrile jaundice Re-admitted (6208). Cholecyst-gastrostomy.

INJURY TO BILE DUCT.

- W. 343. Duct divided during cholecystectomy elsewhere. Duct repaired over tube 1928 (see W. 116/28). Intermittent jaundice. No further operation.

CHOLECYSTITIS.

- T. 118, 127. Chronic. Cholecystectomy.
- W. 71. Cholecystectomy during acute stage.
- W. 108. Cholecystectomy. Died. *Post-mortem* 158. Small abscesses in liver. Right empyema.
- W. 267, 269. Transferred to Dr. Bolton.
- W. 350. Chronic. Cholecystectomy.
- M. 144. Cholecyst-gastrostomy.
- M. 402. Cholecystectomy during acute stage.
- J.T. 78. Chronic. Cholecystectomy.
- J.T. 80. Medical treatment.
- U. 5660. Chronic. Cholecystectomy.
- U. 5707. Acute. Laparotomy. Re-admitted (5937). Cholecystectomy.

CHOLANGITIS.

- W. 11. Catarrhal. Laparotomy.
- M. 290. Medical treatment.
- U. 6091. Liver abscess drained twenty years ago. No operation.

GALL-STONES.

- T. 10, 18. Cholecystectomy.
 W. 5, 124, 145, 153, 155, 401. Cholecystectomy.
 W. 119. No operation.
 M. 48, 78, 105, 143, 231, 505. Cholecystectomy.
 U. 5661, 5670, 5680. Cholecystectomy.
 U. 5947. Cholecystectomy. Femoral thrombosis.

GALL BLADDER AND BILE DUCTS—CARCINOMA.

- W. 103. Laparotomy. Gall bladder. Inoperable.
 M. 239. Laparotomy. Gall bladder. Inoperable. Died. No *post-mortem*.
 M. 373. Laparotomy. Carcinomatous glands invading bile duct. No primary growth located.

ACUTE PANCREATITIS.

- M. 326. Drainage through lesser omentum. Persistent sinus remains.

SUB-ACUTE PANCREATITIS.

- W. 405. No operation.

PANCREATIC CYST.

- M. 412. Cyst drained. Residual sinus.

CARCINOMA—HEAD OF PANCREAS.

- M. 260. Cholecyst-gastrostomy.
 J.T. 35. Cholecyst-gastrostomy.

DISEASES OF THE SPLEEN.

ACHOLURIC JAUNDICE.

- W. 184. Splenectomy. Post-operative hæmorrhage. Wound re-opened. Pedicle ligatured. Blood transfusion. Better.

SPLENIC ANÆMIA.

- M. 542. With ascites. No operation.
 J.T. 258. Splenectomy. Liver normal. No ascites.
 J.T. 123. Splenectomy.

SPLENIC INFARCT.

- J.T. 201. Mitral stenosis, and cardiac failure. Peritonitis. Laparotomy. Died. *Post-mortem* 236. Septic infarct of spleen.

DISEASES OF THE UPPER URINARY TRACT.

POLYURIA.

- U.B. 5934. Pyelography.

BACILLURIA.

- M. 277. *B. coli*. Laparotomy.
 J.T. 172. *B. coli*. Medical treatment.
 U.B. 5736, 5737, 6247. Pyelography.
 U.B. 5747.

HÆMATURIA.

- U.B. 5933. Pyelography.

INJURY.

U. 5523, 5703. Contusion of kidney. No operation.

CONGENITAL CYSTIC KIDNEYS.

J.T. 245. Aged 38. Painless hæmaturia. Cystoscopy and pyelography.

U.B. 5566, 6283. Pyelography.

U. 5570.

PERINEPHRIC ABSCESS.

T. 61. Incision and drainage. Culture—*Staphylococcus aureus*

W. 196. Muscle splitting incision. Closed. Incision and drainage through loin. Culture—*Staphylococcus aureus*.

U.B. 5677. Nephrectomy.

PYELITIS.

M. 255. Cystoscopy.

U.B. 5510, 5549, 6153. Cystoscopy.

U. 5520.

PYONEPHROSIS.

M. 493. With perinephric abscess. Drainage of abscess. Subsequent nephrectomy.

U. 5645, 5712. Nephrectomy.

U.B. 6161. Nephrectomy. Anuria. Temporary drainage of other ureter.

HYDRONEPHROSIS.

W. 329. Very large. Nephrectomy through paramedian incision.

M. 452. Cystoscopy and pyelography.

U.B. 6149. Plastic operation.

TUBERCULOSIS.

W. 275. Nephrectomy.

U.B. 5591, 6083, 6226. Nephrectomy.

U.B. 5676, 6212. Cystoscopy.

U. 5857. Cystoscopy.

U.B. 5797, 6093. No operation.

SARCOMA.

W. 36. Aged 4 months. Nephrectomy. Died 4 weeks later. *Post-mortem* 79. No macroscopic local or distant recurrence. Broncho-pneumonia.

HYPERNEPHROMA.

T. 155. Nephrectomy (1922). Recurrence in abdominal and cervical glands. X-ray therapy.

PAPILLOMA OF RENAL PELVIS.

U. 5649. Nephrectomy and ureterectomy.

CALCULUS.

W. 380. Appendicectomy. Calculus passed spontaneously.

W. 319, 370, 386. Nephrectomy.

M. 305, 321. Ureteric. Stone removed.

M. 385. Pyelo-lithotomy.

J.T. 5. Renal failure. Died. *Post-mortem* 39. Left renal calculi. Bilateral pyelonephritis.

J.T. 61. Cystoscopy and pyelography. Patient discharged himself.

J.T. 281 (and 282). Pyelolithotomy 1928. Recurrence of calculi. Nephrectomy.

CALCULUS—(continued),

- U.B. 5527. Cystoscopy.
- U.B. 5590, 5920, 6082, 6128, 6284. Pyelolithotomy.
- U.B. 5595. Lower end of ureter. Cystoscopic incision of ureter and removal of stone.
- U.B. 5723, 5868, 6062. Nephro-lithotomy.
- U. 5908. Pyelolithotomy. Re-admitted (6007) with persistent sinus. Wound re-opened: healed.
- U.B. 5953. No operation.
- U.B. 6013. Uretero-lithotomy.
- U.B. 6191. Previous left nephrectomy and right nephro-lithotomy. Right uretero-lithotomy. Died. *Post-mortem* 270. Suppurative pyelo-nephritis.

RENAL PAIN.

- T. 183. Cystoscopy.
- W. 374. No operation.
- M. 141. Pain in scar and right iliac fossa following nephrectomy.
- M. 501. Cystoscopy.
- M. 503. Kidney explored.
- J.T. 144. Cystoscopy.
- U.B. 5558, 5607. No operation.
- U. 5730, 6119, 6180. No operation.
- U.B. 5671. Cystoscopy.
- U. 5667. Cystoscopy.
- U. 5788, 6023, 6027. Pyelography.

LOWER URINARY TRACT.

FREQUENCY OF MICTURITION.

- U.B. 5766, 5780. Cystoscopy.

ECTOPIA VESICÆ.

- W. 396. Aged 4. Right ureter implanted in colon. One month later left ureter implanted in colon. One month later nephrectomy on right side for pyonephrosis. Discharged with fair control over urine.

CYSTITIS.

- T. 96.
- M. 142.

TUBERCULOUS CYSTITIS.

- M. 540. Nephrectomy for tuberculous kidney, 1927. Nodules in prostate and epididymis. Palliative treatment.
- U. 5773. Cystoscopy.
- U.B. 5916, 5922, 5988, 6070. Cystoscopy.

PAPILLOMA OF BLADDER.

- W. 20 (and 30, 121). Fulguration.
- M. 473. Fulguration. Subsequent partial cystectomy.
- U.B. 5509, 5536, 5657, 5732, 5772, 5992, 6050, 6072, 6134, 6135, 6157, 6177, 6248, 6249. Fulguration.
- U. 6063. Secondary hydronephrosis. Nephrectomy.
- U.B. Partial cystectomy.

CARCINOMA OF BLADDER.

- U.B. 5659, 6085. Fulguration.
- U.B. 5715. Insertion of radium. Radium No. 683.
- U.B. 5941, 5991, 6111. Inoperable.

VESICAL CALCULUS.

- W. 400. Litholipaxy.
- U.B. 5631, 5792. Litholipaxy.
- U.B. 5644, 5749, 6179. Suprapubic lithotomy.

FOREIGN BODY IN BLADDER.

- U.B. 5719. Clinical thermometer. Removed through urethra.
- U.B. 5957. Safety-pin. Suprapubic cystotomy.

URETHRAL MALFORMATIONS.

- M. 395. Accessory meatus sutured. Urethra canalized.
- U.B. 5526, 5612, 5675, 6053. Pin-hole meatus. Meatotomy.

URETHRAL STRICTURE.

- W. 80, 372. Acute retention. Dilatation.
- M. 8, 191. Acute retention. Dilatation.
- M. 389. Internal urethrotomy.
- J.T. 141. Peri-urethral abscess incised. Internal urethrotomy.
- Secondary hæmorrhage.
- U.B. 5561, 5568, 5765, 6081. Dilatation.
- U.B. 5593. Internal urethrotomy and suprapubic cystotomy.
- U.B. 5722. Internal urethrotomy.
- U.B. 5867. Prostatic abscess drained.
- U.B. 5985. Peri-urethral abscess. Perineal drainage and internal urethrotomy. Died. *Post-mortem* 162. Pyæmic abscesses in lungs and sarcoma of corpus cavernosum.
- U.B. 6236. Internal urethrotomy one year ago. Peri-urethral abscess drained.

PERI-URETHRAL ABSCESS.

- U. 5606, 6224. Cowper's glands. Drained.
- U.B. 5962. Gonorrhœa. Drained.
- U.B. 5871. Drainage and suprapubic cystotomy.

URETHRAL CARUNCLE.

- U.B. 5932. Excised.

TUBERCULOUS URETHRITIS.

- U.B. 5793. Cysto-urethroscopy.

ACUTE GONORRHŒA.

- T. 48.
- J.T. 182.

DISEASES OF THE MALE GENITAL TRACT.

PROSTATITIS.

- U.B. 6012. Abscess. Drained.
- U. 6164. Gonococcal. No operation.

PROSTATIC CALCULI.

- J.T. 126. Acute retention. Suprapubic removal of calculi.

SENILE ENLARGEMENT OF PROSTATE.

- T. 97. Suprapubic prostatectomy, 1927. Frequency and residual urine. Catheterization and wash-outs.
 W. 131, 177. Acute retention. Catheterization.
 W. 355. Suprapubic enucleation. Two stage.
 M. 76. Suprapubic enucleation. One stage.
 M. 295. Suprapubic enucleation. Two stage. Died. *Post-mortem* 172. Abscess of epididymis. Endocarditis.
 J.T. 172. Suprapubic enucleation. One stage. Primary hæmorrhage. Died. *Post-mortem* 196.
 J.T. 223. Suprapubic enucleation. Two stage.
 U.B. 5511, 5630, 5672, 5746, 5866, 5919, 5987, 6037, 6205. Suprapubic enucleation. One stage.
 U.B. 5525. Suprapubic enucleation. One stage. Radium No. 654.
 U.B. 5822, 5901, 5989. No operation.
 U.B. 5795. Suprapubic cystotomy.
 U.B. 5824. Suprapubic cystotomy. Died. No *post-mortem*.
 U.B. 6066. Suprapubic cystotomy. Died. *Post-mortem* 226. Suppurative pyelo-nephritis.
 U.B. 6056. Suprapubic enucleation. Two stage.
 U. 5724. No operation.
 U. 5844. Recurrent after ten years. Suprapubic cystotomy.
 U. 5978. Suprapubic enucleation. Two stage.
 U. 6232. Suprapubic enucleation. Two stage. Subsequent removal of prostatic velum.

CARCINOMA OF PROSTATE.

- W. 91. Suprapubic cystotomy.
 M. 384. Suprapubic cystotomy. Died. *Post-mortem* 229.
 J.T. 40. Suprapubic enucleation. Died. *Post-mortem* 118.
 U.B. 5710, 5940. Suprapubic cystotomy.
 U.B. 5781. Suprapubic cystotomy and insertion of radium. Radium No. 674. Died. *Post-mortem* 110. Pulmonary embolism.

UNDESCENDED TESTICLE.

- M. 77. No operation.
 M. 252. Testicle excised. Bassini.
 M. 291. Excision of sac. Testicle fixed in scrotum.
 J.T. 70, 132. Excision of testicle and sac.
 J.T. 255. Right undescended testicle: interstitial hernia. Gradual increase in size over 25 years. X-ray therapy.
 U. 5946. Ectopic abdominal testis. X-ray therapy.

THROMBOSIS.

- M. 524. Thrombosis spermatic artery. Palliative treatment.

EPIDIDYMO-ORCHITIS.

- W. 7, 55. Gonococcal.
 J.T. 173. Suppurative. Incision and drainage. Culture—*Staphylococcus aureus*.
 J.T. 175. Gonococcal.
 U.B. 5581. No operation.

TUBERCULOSIS.

- U.B. 5823. Bilateral epididymectomy.
 U.B. 5965. Epididymectomy.

SPERMATOCOELE.

J.T. 286. Hæmorrhage into spermatoecœle, following injury. Excised.

HÆMATOCOELE AND HYDROCCELE.

W. 182. Hæmatocœle. No operation.

J.T. 60, 108. Hydrocœle. Radical cure.

U.B. 5798, 6178. Hydrocœle. Radical cure.

U. 5873. Hydrocœle. Radical cure.

U. 5980. Hydrocœle. Orchidectomy.

VARICOCELE.

W. 172. No operation.

TUMOURS OF TESTIS.

U. 6142. Teratoma. Orchidectomy. Post-operative X-ray therapy.

CONGENITAL ABNORMALITIES OF PENIS.

U.B. 6042. Pseudo-hermaphrodisim. No operation.

PHIMOSIS.

U. 6031. Recurrent. Circumcision.

U. 6282. Circumcision.

DISEASES OF FEMALE GENITAL TRACT.

SALPINGITIS AND PYOSALPINX.

W. 334. Palliative treatment.

M. 53. Appendicectomy.

M. 237. Pyosalpinx. Oöphorectomy and drainage.

M. 534. Palliative treatment.

J.T. 27. Laparotomy.

J.T. 79. Pyosalpinx. Excised.

U. 5739. Appendicectomy.

U. 6022, 6227, 6262. Acute. Salpingectomy and drainage.

U. 5921, 6129. No operation.

OTHER GYNÆCOLOGICAL CONDITIONS.

T. 116. Dysmenorrhea.

T. 176. Infected ovarian cyst. Excision. General peritonitis. Died
No post-mortem.

T. 181. Chronic metritis.

W. 237. Malignant ovarian cyst. Excised.

M. 59. Ruptured ovarian cyst. Excised.

M. 114. Abortion.

M. 283. Ovarian cyst. Ovariectomy.

M. 329. Bilateral malignant ovarian cysts. Laparotomy.

J.T. 95. Fibroma of ovary. Transferred to Obstetric Hospital.

J.T. 236. Hydrosalpinx.

J.T. 247. Injury to vulva.

J.T. 257. Cystic ovaries. Transferred to Obstetric Hospital.

U. 5756. Hydrosalpinx. Salpingectomy.

U. 5839. Malignant ovarian cyst. Ovariectomy.

U. 5860. Ovarian cyst. Transferred to Obstetric Hospital.

U. 5975. Miscarriage.

U. 6136. Ruptured lutein cyst. Appendicectomy.

U. 6250. Ovarian cyst. Sigmoidoscopy.

DISEASES OF THE BREAST.

ABSCESS.

- W. 156, 232. Acute : lactating. Incision and drainage.
- M. 486. Acute : lactating. Incision and drainage.
- M. 63 (and 465). Chronic. Incision and drainage.
- M. 539. Chronic. Radical amputation with axillary glands.
- J.T. 267. Chronic. Excised.
- U. 5616, 5704, 5782. Acute : lactating. Incision and drainage.
- U. 5627. Chronic. Incision and drainage.
- U. 5956. Chronic. Excised.
- U. 6234. Chronic. Breast amputated.

CHRONIC MASTITIS.

- T. 160. Breast amputated.
- W. 236, 407. Breast amputated.
- W. 287. Sector excised.
- W. 300. Cysts, following incisions for acute mammary abscess. Excised.
- W. 331. No operation.
- M. 19, 185, 400. Breast amputated.
- M. 66, 243, 286. Sector excised.
- M. 441. No operation.
- J.T. 8, 59. Sector excised.
- J.T. 51. Breast amputated.
- U. 5762, 5864, 6235. With cysts. Local excision.
- U. 5889. With cysts. Breast amputated.

TUBERCULOSIS.

- U. 5599. Biopsy.

FIBRO-ADENOMA.

- T. 99. Breast amputated.
- T. 147. Excised.
- W. 21, 290, 366. Excised.
- M. 29, 139, 515, 518. Excised.
- M. 187, 520. Breast amputated.
- J.T. 9. Excised.
- J.T. 185. Excised 1927. Recurrent nodule. Excised. Fibrosis round unabsorbed catgut stitch.
- U. 5851, 5852, 5878, 5986, 6116, 6192, 6193. Excised.

CYST-ADENOMA.

- U. 6285. Local excision. Died. *Post-mortem* 305. Cerebral hæmorrhage.

DUCT PAPILLOMA.

- J.T. 211. Breast amputated.

PAGET'S DISEASE OF NIPPLE.

- U. 5863. Also carcinoma. Radical amputation.
- U. 6001. Radical amputation. No evidence of alveolar carcinoma.

CARCINOMA.

- T. 122. Radical amputation with axillary glands.
- T. 145. Radical amputation. Multiple secondary deposits. Died. *No post-mortem*.
- T. 156. Radical amputation with axillary glands.
- T. 163. Inoperable. X-ray therapy.
- W. 4, 44, 150, 394, 402. Radical amputation with axillary glands.
- W. 167. Radical operation ten weeks previously. Recurrence in scar. Radium needles. Radium No. 1035.

CARCINOMA—(continued).

- W. 188. Lactating breast. Incised. Erysipelas. Died. *Post-mortem* 174.
 W. 288. Insertion of radium needles. Radium No. 1026.
 W. 358. Left breast. Radical amputation 10 years ago. Recurrence in right breast. Radical amputation.
 W. 371. Radical amputation 1926. Recurrence in scar and in glands of neck. Insertion of radium. Radium No. 1057.
 M. 44. Radical amputation 1927. Recurrence in glands of posterior triangle of neck. Excised.
 M. 67. Radical amputation 1928. Recurrence in glands of posterior triangle of neck. Excised.
 M. 148. Widespread secondary deposits. X-ray therapy.
 M. 281. Radical amputation with axillary glands. Suppuration in wound. Empyema. Rib-resection and drainage. Culture—hæmolytic streptococcus.
 M. 284, 347, 382, 531, 532. Radical amputation with axillary glands.
 M. 332. Radical amputation with axillary glands. Cerebral embolus. Died. *Post-mortem* 205.
 M. 335. Radical amputation with axillary glands. Died suddenly on 13th day, probably pulmonary embolus. No *post-mortem*.
 M. 337. Carcinoma of breast, secondary malignant peritonitis. Laparotomy.
 M. 381. Radical amputation 1926. Local recurrence. Insertion of radium needles (subsequent secondary deposit in spine). Radium No. 1094.
 M. 401. Radical amputation 1928. Recurrence in opposite breast. Radical amputation with axillary glands.
 M. 494. Radical amputation 19 years before. Local recurrence. Insertion of radon seeds. Radium No. 1102.
 J.T. 3. Radical amputation 1928 (see T. 210/28). Widespread secondary deposits.
 J.T. 81. Radical amputation with axillary glands.
 J.T. 237. Previous radical amputation. Widespread secondary deposits.
 J.T. 269. Amputation without axillary glands.
 U. 5714, 5859, 5890, 6009, 6127, 6145, 6146, 6261, 6281. Radical amputation with axillary glands.
 U. 5532. Radical amputation with axillary glands. Readmitted 5733. General metastases. X-ray therapy.
 U. 5579, 6155. Previous radical amputation. No recurrence.
 U. 5586. Radical amputation 1928. Inoperable recurrences.
 U. 5849. Radical amputation 1928. Recurrence in axilla and neck excised. Radium needles into neck. Radium No. 1002.
 U. 5958. Inoperable. Radium. Readmitted. Radical amputation with axillary glands. Radium No. 1055.
 U. 6035. Radical amputation with axillary glands. Radium needles into supraclavicular glands. Radium No. 1084.
 U. 6060. Bilateral. General metastases. Laparotomy. Readmitted 6171. Abdominal paracentesis.
 U. 6151. Radical amputation 1927. Recurrence in axilla. Radium needles inserted. Radium No. 646.

LIPOMA.

- M. 170. Excised.
 U. 5979. Excised.

DISEASES OF UMBILICUS.

POLYPUS.

- W. 310. Excised.

APPENDIX II.

POST-OPERATIVE PULMONARY INFARCTS AND THROMBOSIS OF VEINS OF LEG.

In the following table are shown those cases in which there was a post-operative infarction of the lung, or thrombosis of the veins of the leg, or both. Cases of fracture of bones, treated by closed methods, are also included.

	Acute appendicitis. Appendi- ectomy	Inguinal hernia. Bassini	Gastric resection	Gastro- enteros- tomy	Fractures	Colostomy	Supra-pubic cystotomy	Cholecyst- ectomy	Carcinoma breast. Radical
Infarcts of lung..	M. 278 U. 5865	M. 327 J.T. 197 U. 5735 (fatal)	M. 421	M. 259	M. 374 (tibia)		U.B. 5781 (fatal)		M. 332 (fatal)
Infarcts of lung and thrombosis of veins of leg		J.T. 30	J.T. 250. Sub- sequent lung abscess		J.T. 224 (spine)	J.T. 111			
Thrombosis of veins of leg	W. 12 W. 364 J.T. 129		M. 216	M. 340				U. 5947	W. 150
Total cases ..	5	4 (1 fatal)	3	2	2	1	1 (fatal)	1	2 (1 fatal)
Total operations in each group	164	107	41	30	126	17	33	25	28

Total number of cases of post-operative pulmonary infarct and thrombosis of veins of leg .. 21

Total number of operations performed (including fractures treated by closed methods) .. 2424

REPORT OF THE MEDICAL REGISTRARS FOR 1929

PREFACE

THIS report deals only with the patients in the medical wards of the Hospital who were discharged during 1929. The total number of such cases for the year was 2,220. The report is divided into two parts. Part I consists of statistical tables of diseases, showing the number of each treated during the past year, and arranged in a similar manner to that used in the Nomenclature of Diseases, drawn up by the Royal College of Physicians. A patient suffering from more than one disease is entered again under the corresponding heading, reference being made to the associated condition. Part II is a case index arranged to correspond with the tables in Part I. The case numbers used in Part II are those by which a case is identified in the Medical Registrars' index and bear no relation to the Hospital registered number. The capital letters refer to the physicians under whose care the in-patients were. If a patient has been readmitted during the year, cross-reference has been accordingly made in Part II. If the patient is suffering from the same disease as on his previous admission, he appears as a single case in the statistical tables in Part I. Instead of recording the nature of an operation, a * has been used to indicate that an operation has been performed, and the surgical reference number, together with the surgeon's initials, has been entered. In Part II all deaths are indicated by the letters P.M., and if a post-mortem examination was made, the reference number given is that in the Pathologist's Register.

The following letters have been used :—

- S. = Dr. H. Batty Shaw.
- P. = Dr. F. J. Poynton.
- B. = Dr. C. Bolton.
- E. = Dr. T. R. Elliott.
- L. = Sir Thomas Lewis.
- G. = Dr. A. M. H. Gray.
- W. = Dr. F. M. R. Walshe.
- H. = Dr. B. Hart.
- C. = Dr. W. J. Pearson (children).
- M. = Dr. J. W. McNee.

W.T. = Mr. W. Trotter.
 G.W. = Mr. G. E. O. Williams.
 S.U. = Surgical Unit and Mr. F. J. F. Barrington.
 E.K.M. = Mr. E. K. Martin.
 J.T. = Mr. J. Taylor.
 R.E.H. = Surgeons of the Royal Ear Hospital.

The case sheets of patients are filed in the Records Office, with the exception of those of patients admitted under Sir Thomas Lewis, which are to be found in the Cardiological Department.

H. S. MORLEY,
 K. E. HARRIS,
Medical Registrars.

February 12, 1930.

PART I.

TABLE I.—GENERAL INFECTIVE DISEASES, INCLUDING ACUTE SPECIFIC FEVERS.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
1. Diphtheria—			
(a) Faucial	2	2	—
(b) Nasal	2	2	—
2. Dysentery—			
(a) Amœbic	2	2	—
(b) Bacillary	1	1	—
3. Enteric fever—			
(a) Typhoid	4	4	—
(b) Paratyphoid B	4	4	—
(c) Carrier	1	1	—
4. Gonorrhœa and complications	7	7	—
5. Influenza	13	13	—
6. Leprosy	1	1	—
7. Malaria	3	2	1
8. Mumps	2	2	—
9. Pertussis	12	12	—
10. Pyrexia of unknown origin	3	3	—
11. Pyæmia	1	—	1
12. Rheumatic fever—			
(a) Acute	37	36	1
(b) Subacute	14	14	—
13. Scarlet fever	2	2	—
14. Septicæmia—			
(a) Meningococcal	1	—	1
(b) Pneumococcal	1	—	1
(c) General	2	—	2
15. Syphilis—			
(a) Acquired	11	10	1
(b) Congenital	3	2	1
16. Tuberculosis (generalized miliary)	5	—	5
17. Varicella	2	2	—

TABLE II.—MENTAL AND NERVOUS DISEASES.

Diseases						Cases treated during 1929		
						Total	Dis- charged	Died
I. MENTAL DISEASES.								
1. Melancholia	..	..	..	..	..	1	1	—
2. Dementia præcox	..	..	..	..	..	1	1	—
3. Mental deficiency	..	..	..	..	..	4	4	—
4. Acute mania	..	..	..	..	..	4	3	1
5. Senile dementia	..	..	..	..	..	1	1	—
II. PSYCHONEUROSES.								
1. Anxiety state	..	..	..	..	..	5	5	—
2. Hysteria	..	..	..	..	..	17	17	—
3. Obsessional state	..	..	..	..	..	3	3	—
4. Neurasthenia	..	..	..	..	..	24	24	—
5. Menopausal disturbances	..	..	..	..	..	1	1	—
III. DISEASES OF THE MENINGES.								
1. Acute leptomeningitis—								
(a) Influenzal	..	..	..	..	..	1	—	1
(b) Meningococcal	..	..	..	..	..	3	2	1
(c) Pneumococcal	..	..	..	..	..	4	—	4
(d) Suppurative	..	..	..	..	..	1	—	1
(e) Tuberculous	..	..	..	..	..	6	—	6
2. Acute pachymeningitis (suppurative)	..	..	..	..	..	1	—	1
3. Subarachnoid hæmorrhage	..	..	..	..	..	4	—	4
4. Lymphadenoma	..	..	..	..	..	1	—	1
5. Tumour (melanotic sarcoma)	..	..	..	..	..	1	—	1
IV. DISEASES OF THE BRAIN.								
1. Acute encephalitis	..	..	..	..	..	1	1	—
2. Chorea, rheumatic	..	..	..	..	..	50	50	—
3. Cerebral vascular lesions—								
(a) Hæmorrhage	..	..	..	..	..	8	4	4
(b) Thrombosis	..	..	..	..	..	12	9	3
(c) Embolism	..	..	..	..	..	6	5	1
(d) Arteriosclerosis	..	..	..	..	..	2	1	1
4. General paralysis	..	..	..	..	..	5	2	3
5. Paralysis agitans	..	..	..	..	..	1	1	—
6. Post-encephalitic syndrome	..	..	..	..	..	7	7	—
7. Intracranial tumour	..	..	..	..	..	19	7	12

TABLE II.—MENTAL AND NERVOUS DISEASES (*continued*).

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
V. DISEASES OF THE SPINAL CORD.			
1. Transverse myelitis	1	1	—
2. Acute poliomyelitis	5	5	—
3. Syphilis—			
<i>a.</i> Meningo-myelitis	11	10	1
<i>b.</i> Tabes dorsalis	15	15	—
4. Progressive muscular atrophy	8	5	3
5. Syringo-myelia	4	4	—
6. Subacute combined degeneration.. .. .	5	5	—
7. Peroneal muscular atrophy	1	1	—
8. Friedreich's ataxia	2	2	—
9. Disseminate sclerosis	14	14	—
VI. DISEASES OF THE PERIPHERAL NERVES.			
1. Multiple neuritis—			
<i>(a)</i> Diabetic	2	2	—
<i>(b)</i> Alcoholic	1	1	—
2. Sciatica	15	15	—
3. Neurofibromatosis	2	2	—
4. Injury	2	2	—
5. Trigeminal neuralgia	1	1	—
VII. MISCELLANEOUS SYMPTOMS.			
1. Hemiplegia	3	3	—
2. Cerebral diplegia	2	2	—
3. Migraine	3	3	—
4. Headache	4	4	—
5. Spasmodic torticollis	1	1	—
6. Convulsions (infantile)	4	4	—
7. Epilepsy—			
<i>(a)</i> Major	10	10	—
<i>(b)</i> Minor	3	3	—
<i>(c)</i> Jacksonian	2	1	1
8. Narcolepsy	1	1	—

TABLE III.—DISEASES OF THE EYE, EAR AND NOSE.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. DISEASES OF THE EYE.			
1. Iritis (gonococcal)	1	1	—
2. Myopia	1	1	—
3. Cataract	2	2	—
4. Vitreous hæmorrhage	2	2	—
5. Retinitis	1	1	—
6. Detachment of retina	1	1	—
7. Optic atrophy	1	1	—
8. Retrobulbar neuritis	1	1	—
9. Exophthalmos	1	1	—
10. Embolism of central artery of retina	1	1	—
II. DISEASES OF THE EAR.			
1. Otitis media	5	3	2
2. Mastoiditis	1	1	—
3. Auditory nerve fibroma	1	—	1
III. DISEASES OF THE NOSE.			
1. Rhinitis	1	1	—
2. Nasal polypi	1	1	—

TABLE IV.—DISEASES OF THE CIRCULATORY SYSTEM.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. DISEASES OF THE HEART.			
1. Pericardium—			
(a) Acute dry pericarditis	16	10	6
(b) Sero-fibrinous pericarditis	2	1	1
(c) Hæmorrhagic pericarditis	1	—	1
(d) Purulent pericarditis	1	—	1
(e) Adherent pericardium	2	1	1
(f) Involvement by secondary growth	1	—	1
2. Myocardium—			
(a) Myocardial degeneration	22	15	7
(b) Aneurysm.. .. .	2	—	2
3. Endocardium—			
(a) Acute endocarditis	2	—	2
(b) Subacute bacterial endocarditis	16	8	8
(c) Valvular lesions—			
(i) Mitral stenosis	134	117	17
(ii) Mitral regurgitation	2	2	—
(iii) Aortic stenosis	6	5	1
(iv) Aortic regurgitation	41	36	5
4. Disorders of rhythm—			
(a) Bradycardia	1	1	—
(b) Heart block	2	2	—
(c) Paroxysmal tachycardia	3	3	—
(d) Auricular fibrillation	72	64	8
(e) Auricular flutter	5	4	1
5. Angina pectoris	8	7	1
6. Congenital malformations	12	10	2
II. DISEASES OF THE ARTERIES.			
1. Hyperpiesia	36	36	—
2. Diseases of the aorta—			
(a) Syphilitic aortitis	3	1	2
(b) Dilatation.. .. .	2	1	1
(c) Aneurysm—			
(i) Thoracic	4	3	1
(ii) Abdominal	2	—	2
(d) Thrombosis	1	—	1
3. Thrombo-angiitis obliterans	5	5	—
4. General arteriosclerosis	1	1	—
5. Raynaud's phenomenon	4	4	—
6. Nothnagel's angina	1	1	—
7. Coronary thrombosis	2	—	2
8. Gangrene	5	4	1
9. Coarctation of the aorta	1	1	—
III. DISEASES OF THE VEINS.			
1. Phlebitis	4	4	—
2. Thrombosis	6	5	1

TABLE V.—DISEASES OF THE BLOOD, SPLEEN AND LYMPHATIC SYSTEM.

Diseases	Cases treated during 1929		
	Total	Discharged	Died
I. DISEASES OF THE BLOOD.			
1. Anæmia—			
(a) Chlorotic	2	2	—
(b) Pernicious	15	14	1
(c) Aplastic	1	1	—
(d) Pseudo-leukæmic of infants.. .. .	1	1	—
(e) Secondary.. .. .	10	10	—
2. Splenomegalic polycythæmia	3	2	1
3. Leukæmia—			
(a) Myeloid	7	7	—
(b) Lymphatic	4	1	3
(c) Mixed-celled	1	—	1
4. Purpura—			
(a) Simplex	6	5	1
(b) Rheumatic	1	1	—
II. DISEASES OF THE SPLEEN.			
1. Splenic anæmia.. .. .	5	4	1
2. Amyloid degeneration	1	—	1
3. Infarction	1	—	1
4. Enlargement of uncertain origin	6	6	—
III. DISEASES OF THE LYMPHATIC SYSTEM.			
1. Lymphadenitis—			
(a) Chronic pyogenic	6	6	—
(b) Tuberculous	8	8	—
2. Lymphadenoma	5	3	2
3. Lymphangitis	1	1	—
4. Elephantiasis	1	1	—
5. Lymphosarcoma	1	—	1

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

Diseases						Cases treated during 1929		
						Total	Dis- charged	Died
1. Thyroid gland—								
(a) Chronic thyroiditis..	..	..	..	..	..	1	1	—
(b) Myxœdema ..	..	..	..	..	..	5	4	1
(c) Exophthalmic goitre	..	..	..	..	..	40	38	2
(d) Toxic goitre ..	..	..	..	..	..	6	5	1
(e) Colloid goitre ..	..	..	..	..	..	4	4	1
2. Pancreas (islet tissue)—								
Diabetes mellitus ..	..	..	..	..	..	96	91	5
3. Adrenal glands—								
Addison's disease ..	..	..	..	..	..	4	3	1
4. Thymus—								
Malignant disease ..	..	..	..	..	..	2	—	2
5. Pituitary gland—								
(a) Acromegaly ..	..	..	..	..	..	2	2	—
(b) Tumour ..	..	..	..	..	..	1	1	—
6. Obesity ..	..	..	..	..	..	8	8	—
7. Malnutrition and marasmus	..	..	..	..	..	14	11	3
8. Debility ..	..	..	..	..	..	6	6	—
9. Acetonæmia ..	..	..	..	..	..	5	5	—
10. Pink disease ..	..	..	..	..	..	3	3	—
11. Rickets ..	..	..	..	..	..	14	14	—
12. Infantile scurvy ..	..	..	..	..	..	1	1	—
13. Hæmochromatosis ..	..	..	..	..	..	1	1	—
14. Coeliac disease ..	..	..	..	..	..	1	1	—
15. Gout ..	..	..	..	..	..	4	4	—

TABLE VII.—DISEASES OF THE RESPIRATORY SYSTEM.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. DISEASES OF THE LARYNX.			
1. Laryngitis—			
(a) Simple	1	—	1
(b) Tuberculous	2	2	—
II. DISEASES OF THE BRONCHI.			
1. Bronchitis (acute and chronic)	96	87	9
2. Bronchiectasis	16	12	4
3. Asthma	20	20	—
4. Foreign body	1	1	—
III. DISEASES OF THE LUNGS.			
1. Lobar pneumonia	89	73	16
2. Influenzal pneumonia	17	7	10
3. Broncho-pneumonia	84	46	38
4. Unresolved pneumonia	6	5	1
5. Abscess	15	9	6
6. Gangrene	1	—	1
7. Fibrosis—			
(a) Simple	7	5	2
(b) Silicosis	1	1	—
8. Acute œdema	1	1	—
9. Infarction and embolism	12	7	5
10. Hæmoptysis (of doubtful origin)	11	11	—
11. Tuberculosis	105	86	19
12. Simple consumption (no T.B. in sputum)	15	15	—
13. Actinomycosis	1	1	—
14. Emphysema	8	8	—
15. Atelectasis	1	—	1
16. Ayerza's syndrome	1	—	1
17. Cyst in lung	2	2	0
18. Malignant disease—			
(a) Primary	11	5	6
(b) Secondary	4	2	2
IV. DISEASES OF THE PLEURA.			
1. Dry pleurisy	26	22	4
2. Pleural effusion	48	45	3
3. Empyema	25	15	10
4. Spontaneous pneumothorax	3	2	1
5. Pyopneumothorax	2	2	—
6. Thickened pleura	1	1	—

TABLE VIII—DISEASES OF THE DIGESTIVE SYSTEM.

Diseases	Cases treated during 1929		
	Total	Dis-charged	Died
I.—DISEASES OF THE MOUTH.			
1. Stomatitis—			
(a) Simple	2	2	—
(b) Aphthous	2	2	—
2. Gingivitis	1	1	—
3. Pyorrhœa alveolaris	1	1	—
4. Chronic superficial glossitis	1	1	—
II.—DISEASES OF THE TONSILS AND PHARYNX.			
1. Tonsillitis	21	21	—
2. Adenoids	1	1	—
3. Pharyngitis	1	1	—
4. Malignant disease	2	1	1
III.—DISEASES OF THE ŒSOPHAGUS.			
1. Simple stricture	1	1	—
2. Malignant disease	6	5	1
IV.—DISEASES OF THE STOMACH.			
1. Gastritis—			
(a) Acute	2	2	—
(b) Chronic	1	1	—
2. Gastric ulcer—			
(a) Acute	7	6	1
(b) Chronic	61	55	6
3. Hæmatemesis	21	16	5
4. Perforation of ulcer	1	—	1
5. Stricture—			
(a) Pyloric stenosis	14	11	3
(b) Hour-glass contraction	3	2	1
(c) Hypertrophic pyloric stenosis of infants	2	1	1
6. Visceroptosis	15	15	—
7. Disorders of function			
(a) Gastric neurosis	38	38	—
(b) Pylorospasm of children	6	6	—
8. Vomiting (of uncertain origin)	4	4	—
9. Malignant disease	25	17	8
V.—DISEASES OF THE SMALL INTESTINE.			
1. Gastro-enteritis	35	25	10
2. Duodenal ulcer	51	46	5
3. Jejunal ulcer	2	2	—
4. Melæna neonatorum	1	1	—

TABLE VIII.—DISEASES OF THE DIGESTIVE SYSTEM
(continued).

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
V. DISEASES OF THE SMALL INTESTINE (continued).			
5. Intussusception	2	1	1
6. Meteorism	1	1	—
7. Perforation	1	—	1
8. Tuberculosis	3	—	3
9. Malignant disease	2	1	1
VI. DISEASES OF THE LARGE INTESTINE.			
1. Appendicitis			
(a) Acute	5	3	2
(b) Chronic	5	5	—
(c) Abscess	4	4	—
2. Colitis—			
(a) Acute simple	2	2	—
(b) Ulcerative.. .. .	11	8	3
3. Muco-membranous colitis	10	10	—
4. Dilatation—			
(a) Mega-colon	2	2	—
(b) Hirschsprung's disease	1	1	—
5. Diverticula—			
(a) Diverticulosis	2	1	1
(b) Diverticulitis	2	1	1
6. Acute obstruction	1	—	1
7. Diarrhœa	2	1	1
8. Constipation	29	29	—
9. Malignant disease	9	6	3
VII. DISEASES OF THE RECTUM.			
1. Proctitis	1	1	—
2. Hæmorrhoids	7	7	—
VIII. DISEASES OF THE LIVER.			
1. Cirrhosis	12	9	3
2. Necrosis	2	—	2
3. Enlargement (of uncertain origin)	1	1	—
4. Jaundice—			
(a) Catarrhal	4	4	—
(b) Toxic	1	1	—
(c) Obstructive	3	2	1
5. Pylephlebitis	1	—	1
6. Portal obstruction and thrombosis	2	—	2
7. Malignant disease	2	2	—

TABLE VIII.—DISEASES OF THE DIGESTIVE SYSTEM
(continued).

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
IX.—DISEASES OF THE GALL-BLADDER AND BILE DUCTS.			
1. Cholecystitis	16	16	—
2. Cholelithiasis	20	17	3
3. Cholangitis	2	—	2
4. Malignant disease	2	1	1
X.—DISEASES OF THE PANCREAS.			
1. Chronic pancreatitis	2	2	—
2. Malignant disease	2	2	—
XI.—DISEASES OF THE PERITONEUM.			
1. Peritonitis—			
(a) Suppurative	5	1	4
(b) Tuberculous	2	2	—
2. Abscess—			
(a) Localized	2	1	1
(b) Subphrenic	1	1	—
3. Malignant disease	6	4	2
XII.—MISCELLANEOUS CONDITIONS.			
1. Herniæ—			
(a) Inguinal	1	1	—
(b) Diaphragmatic	1	1	—
(c) Ventral	1	1	—
2. Parasites—			
(a) Cysticerci	1	1	—
(b) Ascaris	1	1	—
(c) Oxyuris	1	1	—
(d) Tæniæ	1	1	—
3. Abdominal pain (of uncertain origin)	15	15	—

TABLE IX.—DISEASES OF THE ORGANS OF GENERATION.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. MALE.			
1. Penis—			
(a) Acute balanitis	1	1	—
(b) Soft sore	1	1	—
2. Urethra—			
(a) Stricture	1	1	—
(b) Periurethral abscess	1	1	—
3. Prostate—			
(a) Chronic gonococcal prostatitis	1	1	—
(b) Senile enlargement	2	1	1
(c) Adenoma	1	—	1
4. Testis, &c.—			
(a) Gonococcal epididymitis	3	3	—
(b) Hydrocele	1	1	—
II. FEMALE.			
1. Ovary—			
(a) Cyst	2	1	1
(b) Fibroma	1	1	—
(c) Malignant disease	4	4	—
2. Fallopian tubes—			
Tuberculosis	2	—	2
3. Uterus—			
(a) Subinvolution	2	2	—
(b) Fibromyoma	3	3	—
(c) Malignant disease	2	—	2
4. Menorrhagia (functional)	1	1	—
5. Vulvitis	1	1	—
6. Pelvic peritonitis	2	2	—
7. Fibroadenoma of breast.. .. .	1	1	—

TABLE X.—DISEASES OF THE URINARY SYSTEM.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. DISEASES OF THE KIDNEY.			
1. Nephritis—			
(a) Acute	20	19	1
(b) Subacute	10	6	4
(c) Chronic azotæmic	33	19	14
(d) Chronic hydræmic	2	1	1
2. Amyloid degeneration	1	1	—
3. Pyelitis	12	11	1
4. Pyelonephritis	2	—	2
5. Hydronephrosis	2	2	—
6. Pyonephrosis	6	6	—
7. Perinephric abscess	1	1	—
8. Tuberculosis	3	2	1
9. Calculus	13	11	2
10. Polycystic kidney	5	4	1
11. Malignant disease	5	2	3
II. DISEASES OF THE URETER.			
1. Colic	1	1	—
2. Calculus	1	1	—
III. DISEASES OF THE BLADDER.			
1. Cystitis	5	4	1
2. Calculus	2	2	—
3. Sacculation	1	1	—
4. Tumours—			
(a) Papilloma	2	2	—
(b) Carcinoma	1	1	—
IV. URINARY DISORDERS.			
1. Albuminuria	9	9	—
2. Anuria	1	—	1
3. Coli bacilluria	12	12	—
4. Enuresis	3	3	—
5. Glycosuria	7	7	—
6. Hæmaturia	1	1	—
7. Oxaluria	1	1	—
8. Pyuria	7	7	—

TABLE XI.—DISEASES OF THE ORGANS OF LOCOMOTION.

Diseases	Cases treated during 1929		
	Total	Discharged	Died
I. DISEASES OF THE BONES.			
1. Osteomyelitis	2	1	1
2. Tuberculosis	5	4	1
3. Syphilis	3	3	—
4. Pulmonary hypertrophic osteo-arthritis	1	1	—
5. Osteitis deformans	1	1	—
6. Malignant disease	5	4	1
7. Deformities	5	5	—
8. Injuries	3	3	—
II. DISEASES OF THE JOINTS.			
1. Arthritis—			
(a) Acute	6	4	2
(b) Diffuse	3	3	—
(c) Gonococcal	10	10	—
(d) Tuberculous	3	3	—
2. Rheumatoid arthritis	31	31	—
3. Osteo-arthritis	18	18	—
4. Charcot's joints.. .. .	1	1	—
III. DISEASES OF THE MUSCLES AND FASCIAE.			
1. Fibrositis	5	5	—
2. Myasthenia gravis	2	—	2

TABLE XII.—DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUES.

Diseases	Cases treated during 1929		
	Total	Dis- charged	Died
I. DISEASES OF THE SKIN.			
1. Dermatitis—			
(a) Eczema	12	12	—
(b) Septic and infective	21	21	—
(c) Varicose (including ulcers)	5	5	—
(d) Occupational and cutaneous irritants	6	6	—
(e) Exfoliative	3	3	—
(f) Artefacta	6	6	—
(g) Herpetiformis	2	2	—
2. Erythema—			
(a) Simple and toxic	6	6	—
(b) Nodosum	5	5	—
3. Lupus erythematosus	2	1	1
4. Urticaria—			
(a) Simple	8	8	—
(b) Papular	3	3	—
5. Prurigo	9	9	—
6. Pruritus	7	6	1
7. Impetigo contagiosa	2	2	—
8. Herpes zoster	2	2	—
9. Erysipelas	3	3	—
10. Psoriasis	13	13	—
11. Lichen planus	3	3	—
12. Lichen simplex chronicus	4	4	—
13. Ichthyosis	1	1	—
14. Sclerodermia	2	—	2
15. Tuberculosis—			
(a) Lupus vulgaris	7	6	1
(b) Other forms	2	2	—
16. Syphilis	2	2	—
17. Hypertrophic conditions—			
(a) Warts	2	2	—
(b) Corns	2	2	—
(c) Xanthoma	1	1	—
18. Parasitic diseases—			
(a) Tinea	2	2	—
(b) Scabies	3	3	—
19. Tumours—			
(a) Pigmented nævus	2	2	—
(b) Lymphosarcoma	1	—	1
(c) Epithelioma	2	1	1
(d) Rodent ulcer	3	3	—
II. DISEASES OF THE HAIR AND FOLLICLES.			
1. Furunculosis	2	2	—
2. Carbuncle	2	1	1
3. Sycosis barbæ	1	1	—
III. DISEASES OF THE SUBCUTANEOUS TISSUES.			
1. Cellulitis	5	2	3
2. Abscess	1	1	—
3. (Edema (of uncertain origin)	1	1	—
4. Foreign body	1	1	—

TABLE XIII.—POISONS, &c.

Diseases						Cases treated during 1929		
						Total	Dis- charged	Died
I. POISONS.								
1. Alcohol	..	..	..	..	..	1	1	—
2. Arsenic	..	..	..	..	..	1	—	1
3. Coal gas ..	..	..	..	..	..	3	3	—
4. Carbon bisulphide	..	..	..	..	..	3	3	—
5. Lead ..	..	..	..	..	..	1	1	—
6. Morphinism	..	..	..	..	..	1	1	—
7. Lysol ..	..	..	..	..	..	2	1	1
8. Veronal	..	..	..	..	..	2	1	1
II. MISCELLANEOUS CONDITIONS.								
1. Anaphylaxis	..	..	..	..	..	1	1	—
2. Syncope	..	..	..	..	..	1	1	—
3. No disease found	..	..	..	..	..	6	6	—

PART II.

TABLE I.—GENERAL INFECTIVE DISEASES, INCLUDING
ACUTE SPECIFIC FEVERS.

1. DIPHTHERIA.

(a) *Faucial*.

P. 149.

C. 257.

(b) *Nasal*.

C. 69 (acute nephritis), 277.

2. DYSENTERY.

(a) *Amœbic*.

S. 140.

E. 129.

(b) *Bacillary*.

C. 160.

3. ENTERIC FEVER.

(a) *Typhoid*.

B. 56, 57.

E. 54.

C. 60.

(b) *Paratyphoid B*.

S. 298.

P. 160 (* G. W., 179).

B. 152, 195.

(c) *Carrier*.

P. 19 (* G. W., see P. 152), 152 (see P. 19).

4. GONORRHOEA.

P. 238 (arthritis).

G. 3 (arthritis), 5 (periurethral abscess, incision), 9 (arthritis, pelvic peritonitis, aspiration of knee), 70 (warts), 102 (exfoliative dermatitis, syphilis, toxic jaundice), 153.

5. INFLUENZA.

S. 179.

P. 17, 34, 36, 57.

E. 55, 79, 88, 91, 127, 128.

L. 36.

C. 83.

6. LEPROSY.

G. 1 (chronic axillary abscess, aspirated).

7. MALARIA.

E. 337.

G. 62 (therapeutic, G.P.I., *P.M.* 200).

W. 5 (therapeutic, G.P.I.).

8. MUMPS.

C. 8 (acute nephritis), 9.

9. PERTUSSIS.

C. 27 (broncho-pneumonia), 61, 79, 81, 82, 101 (broncho-pneumonia), 103 (gastro-enteritis, marasmus), 111 (pleural effusion), 120 (pulmonary abscess, lobar pneumonia, see C. 222), 138 (broncho-pneumonia), 310 (broncho-pneumonia), 314 (catarrhal jaundice).

10. PYREXIA (of unknown origin).

B. 155, 157 (see B. 255).

C. 263.

11. PYÆMIA.

L. 10 (carbuncle, pulmonary abscess, *P.M.* 21).

12. RHEUMATIC FEVER.

(a) *Acute.*

S. 86, 94 (mitral stenosis), 259, 324 (pericarditis, aortic regurgitation, mitral stenosis), 337 (* R. E. H.), 362 (* R. E. H.).

P. 1, 10 (mitral stenosis), 31, 61, 62 (mitral stenosis), 107, 126 (mitral stenosis, aortic regurgitation), 145.

B. 8, 37.

E. 2, 10, 41, 83, 86 (mitral stenosis), 193 (mitral stenosis), 286 (mitral stenosis, pericarditis), 295 (mitral stenosis).

L. 99 (mitral stenosis), 172, 194 (pericarditis), 198 (pericarditis, no *P.M.*), 199.

C. 6, 16, 42, 58 (mitral stenosis), 99 (mitral stenosis), 178, 202, 319.

M. 18 (mitral stenosis, aortic regurgitation, * R. E. H.).

(b) *Subacute.*

P. 176 (mitral stenosis), 255 (mitral stenosis, adherent pericardium).

B. 224.

E. 376.

L. 25 (mitral stenosis, auricular fibrillation, bronchitis), 27.

C. 151, 191, 216, 234 (chorea), 286 (mitral stenosis, see C. 112), 294 (tonsillitis), 311 (aortic regurgitation) 318.

13. SCARLATINA.

P. 258.

C. 223 (rickets).

14. SEPTICÆMIA.

(a) *Meningococcal.*

L. 149 (acute endocarditis, *P.M.* 237).

(b) *Pneumococcal.*

B. 169 (meningitis, *P.M.* 191).

(c) *General.*

B. 14 (bronchitis, *P.M.* 11), 18 (cellulitis of leg, *P.M.* 32).

15. SYPHILIS.

(a) *Acquired.*

S. 91 (pyonephrosis, renal calculus), 288 (simple consumption), 353 (cholelithiasis, hyperpiesia).

E. 314 (cerebral tumour), 364 (abdominal pain of uncertain origin), 377 (gout, chronic nephritis).

L. 113 (cirrhosis of the liver, *P.M.* 199).

G. 87 (acute balanitis), 91 (bilateral pyonephrosis, gumma of skin), 100, 102 (exfoliative dermatitis, gonorrhœa, toxic jaundice).

(b) *Congenital.*

W. 6.

C. 246 (marasmus, *P.M.* 228), 328 (syphilitic periostitis, acute nephritis).

16. TUBERCULOSIS (generalized miliary).

S. 126 (tuberculous salpingitis, *P.M.* 116).

P. 195 (pulmonary tuberculosis, tuberculous enteritis, *P.M.* 224).

E. 102 (tuberculous salpingitis, tuberculous meningitis, *P.M.* 126).

L. 106 (mitral stenosis, see L. 110), 110 (mitral stenosis, see L. 106, *P.M.* 194).

W. 50 (*P.M.* 209).

17. VARICELLA.

E. 59 (aortic aneurysm, tabes dorsalis).

C. 244 (constipation, see C. 142).

TABLE II.—MENTAL AND NERVOUS DISEASES.

I. MENTAL DISEASES.

1. MELANCHOLIA.

S. 150.

2. DEMENTIA PRÆCOX.

S. 69.

3. MENTAL DEFICIENCY.

P. 76.

B. 54.

C. 249 (microcephaly), 330 (debility).

4. ACUTE MANIA.

S. 82 (mitral stenosis, *P.M.* 103).

E. 179 (uterine fibroids), 216 (hæmatemesis).

L. 92 (aortic regurgitation, auricular fibrillation).

5. SENILE DEMENTIA.

P. 80.

II. PSYCHONEUROSES.

1. ANXIETY STATE.

S. 25.

P. 86, 108.

W. 23.

M. 34.

2. HYSTERIA.

- P. 88, 174, 246 (sciatica), 262 (sciatica).
- B. 6 (chorea, stomatitis), 218 (vomiting), 236, 270 (vomiting, see E.K.M. 145 and 488).
- E. 35, 344.
- L. 174.
- W. 2, 52, 53, 92.
- H. 2, 4.

3. OBSESSIONAL STATE.

- S. 226.
- W. 32, 58.

4. NEURASTHENIA.

- S. 54, 139, 151, 162, 180, 216, 254, 277.
- P. 185 (muco-membranous colitis), 223 (myocardial degeneration).
- B. 52.
- E. 23, 241, 384.
- L. 116.
- W. 24, 36, 76, 86 (cerebral thrombosis).
- H. 3.
- M. 27, 82, 83, 89.

5. MENOPAUSAL DISTURBANCE.

- P. 77.

III. DISEASES OF THE MENINGES.

1. ACUTE LEPTOMENINGITIS.

(a) *Influenzal*.

- C. 252 (*P.M.* 232).

(b) *Meningococcal*.

- B. 108 (*P.M.* 144).
- C. 74, 326.

(c) *Pneumococcal*.

- B. 169 (septicæmia, *P.M.* 191).
- W. 79 (pyelonephritis, * *W. T.* 148, *P.M.* 259).
- C. 18 (otitis media, *P.M.* 22), 35 (*P.M.* 38).

(d) *Suppurative*.

- L. 1 (otitis media, *P.M.* 12).

(e) *Tuberculous*.

- B. 172 (pulmonary tuberculosis, tuberculous enteritis, *P.M.* 202).
- E. 102 (miliary tuberculosis, tuberculous salpingitis, *P.M.* 126), 103 (*P.M.* 125).
- C. 149 (*P.M.* 128), 280 (*P.M.* 263), 268 (no *P.M.*).

2. ACUTE PACHYMENINGITIS (suppurative).

- P. 155 (syphilitic meningo-myelitis, *P.M.* 176).

3. SUBARACHNOID HÆMORRHAGE.

- S. 115 (*P.M.* 107).
- P. 177 (*P.M.* 192).
- E. 111 (chronic nephritis, *P.M.* 129).
- W. 93 (*P.M.* 286).

4. LYMPHADENOMA.

P. 163 (*P.M.* 221).

5. TUMOUR (melanotic sarcoma).

P. 212 (cerebellar hæmorrhage, *P.M.* 241).

IV. DISEASES OF THE BRAIN.

1. ACUTE ENCEPHALITIS.

C. 227.

2. CHOREA (rheumatic).

S. 136, 170, 273 (mitral stenosis).

P. 3, 139, 144, 169, 200 (mitral stenosis), 266 (acetonæmia).

B. 2, 6 (hysteria, stomatitis), 77, 127, 190 (see B. 191), 191 (see B. 190), 240.

E. 33, 34, 110, 117, 119, 131, 146, 303 (aortic regurgitation, mitral stenosis).

L. 201.

W. 7, 28, 37.

C. 11, 13 (mitral stenosis), 40, 41, 70, 100, 106 (mitral stenosis), 112 (mitral stenosis, see C. 286), 148, 165, 172 (mitral stenosis), 195, 204, 205, 209, 224, 229, 234 (subacute rheumatic fever), 271, 274, 282, 283, 313.

3. CEREBRAL VASCULAR LESIONS.

(a) *Hæmorrhage.*S. 96, 351 (*P.M.* 218).P. 28 (no *P.M.*), 212 (melanotic sarcoma of the dura, *P.M.* 241).

E. 6 (amyloid kidneys), 22, 335 (hyperpiesia).

L. 24 (polycystic kidney, Coroner's *P.M.*).(b) *Thrombosis.*

P. 60, 260 (hyperpiesia).

E. 56, 74 (broncho-pneumonia, *P.M.* 92), 184, 203.L. 81 (mitral stenosis, auricular fibrillation, influenzal pneumonia, femoral thrombosis (see L. 193), 137 (broncho-pneumonia, *P.M.* 212).G. 13 (senile pruritis, acute intestinal obstruction, *J. T., *P.M.* 134).

W. 26, 86 (neurasthenia).

M. 23.

(c) *Embolism.*

P. 142 (mitral stenosis).

L. 12 (auricular fibrillation), 83 (mitral stenosis), 111 (exophthalmic goitre, subacute bacterial endocarditis, no *P.M.*), 167 (mitral stenosis, aortic regurgitation, auricular fibrillation).

W. 31.

(d) *Arteriosclerosis.*E. 144 (diabetes mellitus, cholelithiasis, renal calculus, *P.M.* 153), 319 (gout).

4. GENERAL PARALYSIS OF THE INSANE.

S. 116 (*P.M.* 98).G. 24 (broncho-pneumonia, *P.M.* 44), 62 (malarial therapy, *P.M.* 200).

W. 5 (malarial therapy), 60 (juvenile).

5. PARALYSIS AGITANS.

S. 379.

6. POST-ENCEPHALITIC SYNDROME.

- S. 134, 321 (hemiparesis).
- E. 254.
- L. 148.
- W. 54, 59, 70.

7. INTRA-CRANIAL TUMOUR.

- S. 159 (broncho-pneumonia, *P.M.* 131).
- P. 161 (auditory nerve fibroma, * *J. T.* 181, *P.M.* 213).
- B. 286 (see *B.* 186, * *J. T.* 294, no *P.M.*).
- E. 68 (* *W. T.* 11, *P.M.* 89), 175 (sarcoma of lung, *P.M.* 175), 235 (*P.M.* 190), 314 (syphilis).
- W. 14 (*P.M.* 82), 42 (* *W. T.* 87, no *P.M.*), 48 (hypernephroma, secondary in lung, broncho-pneumonia. *P.M.* 185), 49 (*P.M.* 190), 69 (see *W.* 71), 71 (see *W.* 69, * *W. T.* 125, 170 and 179), 78, 80 (* *J. T.* 214, *P.M.* 262), 81 (diabetes mellitus), 88 (* *W. T.* 135).
- C. 187, 189 (*P.M.* 170), 253.

V. DISEASES OF THE SPINAL CORD.

1. TRANSVERSE MYELITIS.

- E. 243.

2. ACUTE POLIOMYELITIS.

- S. 74.
- C. 88 (pyelitis), 217, 290, 315.

3. SYPHILIS.

(a) *Meningo-myelitis.*

- S. 188 (polycythæmia).
- P. 155 (suppurative pachymeningitis, *P.M.* 176).
- B. 188.
- W. 8, 11, 20, 25, 38, 62, 68, 87 (cystitis).

(b) *Tabes Dorsalis.*

- S. 15, 53, 71 (Charcot's knee), 210, 369 (pulmonary tuberculosis).
- P. 48 (tuberculous peritonitis), 79, 123.
- B. 148.
- E. 59 (aortic aneurysm. varicella).
- L. 18 (aortic regurgitation, bronchitis).
- W. 9, 39, 67, 74.

4. PROGRESSIVE MUSCULAR ATROPHY.

(a) *P.M.A.*

- S. 12 (diabetes mellitus, *P.M.* 28).
- B. 12 (broncho-pneumonia, no *P.M.*).
- W. 21.

(b) *Amyotrophic Lateral Sclerosis.*

- E. 336 (exophthalmic goitre, bronchitis, see *P.* 23, *P.M.* 274).
- W. 43, 73 (bulbar palsy, osteo-arthritis).

(c) *Chronic Bulbar Palsy.*

- W. 65, 73 (amyotrophic lateral sclerosis, osteo-arthritis).

5. SYRINGOMYELIA.

- S. 186.
- E. 222.
- W. 10, 35.

6. SUBACUTE COMBINED DEGENERATION.

- S. 65 (pernicious anæmia), 70 (pernicious anæmia).
- B. 278 (pernicious anæmia).
- E. 371 (pernicious anæmia).
- M. 70 (Addison's disease, * G. W. 95).

7. PERONEAL MUSCULAR ATROPHY.

- B. 7.

8. FRIEDREICH'S ATAXIA.

- W. 12, 34.

9. DISSEMINATE SCLEROSIS.

- P. 85.
- E. 256.
- W. 3, 15, 16, 19, 44, 46, 55, 61, 64 (detached retina, see W. 30), 85, 96.
- H. 1.

VI. DISEASES OF THE PERIPHERAL NERVES.

1. MULTIPLE NEURITIS.

(a) *Diabetic.*

- B. 201 (see B. 85).
- L. 93 (dilated aorta).

(b) *Alcoholic.*

- P. 203.

2. SCIATICA.

- S. 36, 175, 227, 238, 258, 301.
- P. 13, 204, 246 (hysteria), 262 (hysteria).
- E. 137, 205 (duodenal ulcer, hæmatemesis).
- L. 168.
- W. 40.
- M. 3.

3. NEURO-FIBROMATOSIS.

- S. 343.
- G. 39.

4. INJURY.

- G. 11.
- W. 56.

5. TRIGEMINAL NEURALGIA.

- L. 46 (* J. T. 21).

VII. MISCELLANEOUS SYMPTOMS.

1. HEMIPLEGIA.

- S. 321 (old encephalitis), 391 (aneurysm of heart, pleural effusion, P.M. 289).
- E. 108.
- L. 42 (mitral stenosis, auricular fibrillation, auricular flutter).

2. CEREBRAL DIPLEGIA.

- C. 177 (constipation), 236 (aphthous stomatitis).

3. MIGRAINE.
P. 78.
W. 30 (detached retina, see W. 64), 51.
4. HEADACHE.
P. 64.
L. 15, 166.
G. 49.
5. SPASMODIC TORTICOLLIS.
W. 45.
6. CONVULSIONS (infantile).
C. 186, 190, 242, 262 (rickets).
7. EPILEPSY.
(a) *Major*.
S. 67, 73, 223, 372, 381.
E. 232, 386.
W. 22.
C. 278.
M. 12.
(b) *Minor*.
S. 158.
W. 90, 95 (* E. K. M. 393).
(c) *Jacksonian*.
E. 306.
C. 251 (marasmus, *P.M.* 235).
8. NARCOLEPSY.
W. 94.

TABLE III.—DISEASES OF THE EYE, EAR AND NOSE.

I. DISEASES OF THE EYE.

1. IRITIS (gonococcal).
E. 278 (gonococcal arthritis, chronic prostatitis).
2. MYOPIA.
W. 33.
3. CATARACT.
S. 221 (subacute nephritis).
B. 276 (diabetes mellitus, * Mr. Neame).
4. VITREOUS HÆMORRHAGE.
S. 7.
E. 365 (hyperpiesia, pyuria).
5. RETINITIS.
S. 28 (hyperpiesia, albuminuria).
6. DETACHMENT OF RETINA.
W. 30 (migraine, see W. 64), 64 (disseminate sclerosis, see W. 30).
7. OPTIC ATROPHY.
W. 41.

8. RETROBULBAR NEURITIS.

W. 57.

9. EXOPHTHALMOS.

S. 358.

10. EMBOLISM OF CENTRAL ARTERY OF RETINA.

S. 98 (polycythæmia).

II. DISEASES OF THE EAR.

1. OTITIS MEDIA.

P. 7 (perforation of drum), 102 (muco-membranous colitis).

L. 1 (meningitis, *P.M.* 12), 182.C. 18 (pneumococcal meningitis, *P.M.* 22).

2. MASTOIDITIS.

W. 1 (* S. U. 5556).

3. AUDITORY NERVE FIBROMA.

P. 161 (* J. T. 181, *P.M.* 213).

III. DISEASES OF THE NOSE.

1. RHINITIS.

P. 164.

2. NASAL POLYPI.

S. 142 (bronchitis, emphysema).

TABLE IV.—DISEASES OF THE CIRCULATORY SYSTEM.

I. DISEASES OF THE HEART.

1. PERICARDIUM.

(a) *Acute dry pericarditis.*S. 240 (chronic nephritis, anuria, *P.M.* 238), 324 (rheumatic fever, aortic regurgitation, mitral stenosis).

P. 166.

B. 130, 132 (lobar pneumonia).

E. 15 (lobar pneumonia, pleurisy, no *P.M.*), 231 (chronic nephritis, no *P.M.*), 286 (rheumatic fever, mitral stenosis), 332 (bronchiectasis, *P.M.* 272).L. 13 (chronic nephritis, *P.M.* 41), 117 (mitral stenosis), 194 (rheumatic fever), 198 (rheumatic fever, no *P.M.*).

C. 53, 125 (mitral stenosis), 183 (mitral stenosis, aortic regurgitation).

(b) *Sero-fibrinous pericarditis.*S. 350 (pneumonia, empyema, *P.M.* 261).

P. 70 (bronchitis, aortic regurgitation).

(c) *Hæmorrhagic pericarditis.*P. 95 (carcinoma of lung, pulmonary tuberculosis, *P.M.* 130).(d) *Purulent pericarditis.*S. 64 (empyema, * G.W., *P.M.* 76).(e) *Adherent pericardium.*

P. 255 (subacute rheumatic fever mitral stenosis).

B. 247 (mitral stenosis, *P.M.* 264).(f) *Involvement by secondary growths.*S. 352 (carcinoma of thymus, *P.M.* 296).

. MYOCARDIUM.

(a) *Myocardial degeneration.*

S. 319, 340.

P. 27 (mitral stenosis, *P.M.* 60), 223 (neurasthenia), 233 (chronic nephritis, hyperpiesia).

B. 101.

E. 61 (diabetes mellitus, gangrene of leg, *P.M.* 70), 77 (hyperpiesia, infective dermatitis), 82 (chronic nephritis), 104, 139 (pleural effusion), 215, 237, 290 (auricular fibrillation, pulmonary infarction, see E. 196, *P.M.* 230).L. 39 (bronchitis), 43 (bronchitis, *P.M.* 93), 59 (see L. 179), 89 (auricular fibrillation, pleural effusion), 91 (pleural effusion, no *P.M.*), 97 (broncho-pneumonia, no *P.M.*), 100 (no *P.M.*), 131, 179 (chronic nephritis, see L. 59, no *P.M.*).(b) *Aneurysm.*S. 391 (pleural effusion, hemiplegia, *P.M.* 289).L. 98 (mitral stenosis, auricular fibrillation, see L. 162), 162 (mitral stenosis, auricular fibrillation, see L. 98, *P.M.* 260).

3. ENDOCARDIUM.

(a) *Acute endocarditis.*B. 46 (lobar pneumonia, *P.M.* 72).L. 145 (meningococcal, *P.M.* 237).(b) *Subacute bacterial endocarditis.*

S. 338 (aortic regurgitation, mitral stenosis).

P. 73 (*P.M.* 112), 100, 141 (mitral stenosis, no *P.M.*), 154 (acute nephritis, *P.M.* 182), 241.B. 19 (*P.M.* 30), 170 (no *P.M.*).

E. 202 (suppurative arthritis), 322 (see G.W. 266).

L. 60, 62, 71 (mitral stenosis, *P.M.* 157), 111 (exophthalmic goitre, cerebral embolism, no *P.M.*), 127.M. 69 (no *P.M.*)(c) *Valvular Lesions.*(i) *Mitral stenosis.*

S. 2 (auricular fibrillation), 4 (auricular fibrillation, aortic regurgitation, *P.M.* 1), 5 (influenzal pneumonia, empyema, *P.M.* 13), 26, 35 (see S. 303), 48, 75 (cerebral embolism), 82 (acute mania, *P.M.* 103), 84, 94 (subacute rheumatic fever), 100 (bronchitis), 120 (* R. E. H.), 135 (aortic regurgitation), 146, 149, 152 (colloid goitre), 155 (bronchitis), 161, 185 (aortic regurgitation, tonsillitis), 197, 230 (auricular fibrillation, see S. 248), 233 (auricular fibrillation), 248 (pulmonary infarction, see S. 230), 256 (lupus vulgaris), 273 (chorea), 303 (see S. 35), 324 (rheumatic fever, pericarditis, aortic regurgitation), 338 (subacute bacterial endocarditis, aortic regurgitation), 394 (aortic regurgitation, tonsillitis, * R. E. H.).

P. 10 (rheumatic fever), 14 (exophthalmic goitre, auricular fibrillation, see P. 167), 20 (aortic regurgitation, pleural effusion), 25 (aortic regurgitation, *P.M.* 51), 27 (myocardial degeneration, *P.M.* 60), 35, 62 (rheumatic fever), 66 (pulmonary infarction), 84 (auricular fibrillation), 90 (pulmonary infarction), 111 (aortic regurgitation), 122 (aortic stenosis), 126 (aortic regurgitation, rheumatic fever), 141 (subacute bacterial endocarditis, no *P.M.*), 142 (cerebral embolism), 167 (exophthalmic goitre, see P. 14), 176 (subacute rheumatic fever), 200 (chorea), 202 (exophthalmic goitre, diabetes mellitus), 211 (auricular fibrillation,

ENDOCARDIUM—(continued).

portal pylephlebitis, septic splenic infarct, * J. T. 201, *P.M.* 236), 217 (dry pleurisy), 228 (rheumatoid arthritis), 249, 255 (subacute rheumatic fever, adherent pericardium), 257 (chronic nephritis).

B. 3, 35, 93 (exophthalmic goitre, * G. W. 154), 94 (thrombosis of left innominate vein, no *P.M.*), 97 (auricular fibrillation), 112 (auricular fibrillation, colloid goitre), 125 (auricular fibrillation, see B. 212), 126 (acute bronchitis), 159, 189 (auricular fibrillation), 192 (auricular fibrillation), 212 (auricular fibrillation, see B. 125), 247 (adherent pericardium, *P.M.* 264), 280 (auricular fibrillation).

E. 13 (aortic regurgitation, hæmatemesis, urethral stricture, see S. U. 5568), 31 (bronchitis, subinvolution), 48, 60 (auricular fibrillation), 86 (rheumatic fever), 93 (chronic gastric ulcer), 98 (aortic stenosis, auricular flutter), 107 (auricular fibrillation, see P. 263), 121, 193 (rheumatic fever), 195 (auricular fibrillation), 196 (auricular fibrillation, see E. 290), 286 (rheumatic fever, pericarditis), 294 (auricular fibrillation, pulmonary infarction), 295 (rheumatic fever), 303 (aortic regurgitation, chorea), 367 (auricular fibrillation), 383 (auricular fibrillation).

L. 5 (lobar pneumonia, *P.M.* 19), 6 (auricular fibrillation, see L. 72), 7 (auricular fibrillation, see L. 73 and L. 103), 8 (aortic stenosis), 11 (auricular fibrillation, erythema), 17 (aortic regurgitation, pulmonary infarction, hæmoptysis), 25 (auricular fibrillation, subacute rheumatic fever, bronchitis), 28 (aortic regurgitation, auricular fibrillation, auricular flutter, no *P.M.*), 29 (aortic regurgitation, bronchitis), 37 (auricular fibrillation, bronchitis, see L. 157), 42 (auricular fibrillation, auricular flutter, hemiplegia), 65 (bronchitis), 71 (subacute bacterial endocarditis, *P.M.* 157), 72 (auricular fibrillation, bronchitis, see L. 6), 73 (aortic regurgitation, auricular fibrillation, pneumonia, empyema, see L. 7 and L. 103), 75 (auricular fibrillation), 81 (auricular fibrillation, influenzal pneumonia, femoral thrombosis, cerebral thrombosis, see L. 193), 83 (cerebral embolism), 86 (*P.M.* 169), 98 (auricular fibrillation, aneurysm of the auricles, see L. 162), 99 (rheumatic fever), 102 (see L. 104), 103 (aortic regurgitation, auricular fibrillation, see L. 7 and L. 73), 104 (see L. 102), 106 (miliary tuberculosis, see L. 110), 110 (miliary tuberculosis, see L. 106, *P.M.* 194), 117 (pericarditis), 118 (chronic nephritis), 119 (auricular fibrillation, pulmonary œdema), 120 (auricular fibrillation, chronic bronchitis, see L. 191), 122 (auricular fibrillation), 126 (auricular fibrillation, pleural effusion), 156 (aortic regurgitation, auricular fibrillation), 157 (aortic regurgitation, auricular fibrillation, see L. 37), 158 (aortic regurgitation, auricular fibrillation, thrombo-angiitis obliterans), 162 (aneurysm of the auricles, auricular fibrillation, see L. 98, *P.M.* 260), 164 (auricular fibrillation, gout, see L. 195), 167 (aortic regurgitation, auricular fibrillation, cerebral embolism), 170 (pulmonary infarction, *P.M.* 265), 175 (auricular fibrillation, pulmonary infarction, no *P.M.*), 180 (hæmoptysis), 188, 190 (exophthalmic goitre, auricular fibrillation), 191 (auricular fibrillation, chronic bronchitis, see L. 120), 193 (auricular fibrillation, see L. 81), 195 (auricular fibrillation, chronic bronchitis, see L. 164).

C. 13 (chorea), 49 (broncho-pneumonia), 58 (rheumatic fever), 99 (rheumatic fever), 106 (chorea), 112 (chorea, see C. 286), 125 (pericarditis), 150, 172, (chorea), 183 (aortic regurgitation, pericarditis), 230 (hyperpiesis), 286 (subacute rheumatic fever, see C. 112).

M. 8 (*P.M.* 50), 16, 18 (rheumatic fever, aortic regurgitation, * R. E. H.), 59.

(ii) *Mitral regurgitation.*

S. 37 (hæmoptysis), 50.

ENDOCARDIUM—(continued).

(iii) *Aortic stenosis.*

- P. 122 (mitral stenosis).
- B. 129 (secondary anæmia, subinvolution).
- E. 98 (mitral stenosis, auricular flutter), 249 (*P.M.* 208).
- L. 8 (mitral stenosis), 26 (ophthalmic herpes, iliac thrombosis).

(iv) *Aortic regurgitation.*

S. 4 (mitral stenosis, auricular fibrillation, *P.M.* 1), 124 (angina pectoris, albuminuria, see L. 21 and L. 95), 135 (mitral stenosis), 185 (mitral stenosis, tonsillitis), 278, 324 (rheumatic fever, mitral stenosis, pericarditis), 338 (subacute bacterial endocarditis, mitral stenosis), 394 (mitral stenosis, tonsillitis, * R. E. H.).

P. 20 (mitral stenosis, pleural effusion), 25 (mitral stenosis, *P.M.* 51), 70 (bronchitis, pericarditis), 111 (mitral stenosis), 126 (mitral stenosis, rheumatic fever), 191.

B. 20 (pulmonary infarction, syphilitic aortitis, *P.M.* 29), 249 (syphilitic aortitis), 262 (chronic nephritis).

E. 4, 13 (mitral stenosis, hæmatemesis, urethral stricture, see S.U. 5568), 124, 213 (auricular fibrillation), 303 (mitral stenosis, chorea), 333 (auricular fibrillation, lobar pneumonia), 357.

L. 17 (mitral stenosis, pulmonary infarction), 18 (bronchitis, tabes dorsalis), 21 (angina pectoris, see S. 124 and L. 95), 28 (mitral stenosis, auricular fibrillation, auricular flutter, no *P.M.*), 29 (mitral stenosis, bronchitis), 56 (auricular fibrillation), 73 (mitral stenosis, auricular fibrillation, lobar pneumonia, empyema, see L. 7 and L. 103), 80, 92 (auricular fibrillation, acute mania), 95 (angina pectoris, hyperpiesia, albuminuria, see L. 21 and S. 124), 103 (mitral stenosis, auricular fibrillation, see L. 7 and L. 73), 134 (diabetes mellitus), 145 (angina pectoris, ovarian cyst, see L. 161 and J.T. 183), 156 (mitral stenosis, auricular fibrillation), 157 (mitral stenosis, auricular fibrillation, see L. 37), 158 (mitral stenosis, auricular fibrillation, thrombo-angiitis obliterans), 161 (dilated aorta, angina pectoris, ovarian cyst, see L. 145 and J.T. 183, *P.M.* 257), 167 (mitral stenosis, auricular fibrillation, cerebral embolism).

C. 183 (mitral stenosis, pericarditis), 311 (subacute rheumatic fever).

M. 18 (rheumatic fever, mitral stenosis, * R. E. H.).

4. DISORDERS OF RHYTHM.

(a) *Bradycardia.*

B. 113.

(b) *Heart-block.*

E. 288 (hyperpiesia, see E. 289), 289 (hyperpiesia, see E. 288).

L. 151 (angina pectoris).

(c) *Paroxysmal tachycardia.*

E. 307.

L. 48, 143.

(d) *Auricular fibrillation.*

S. 2 (mitral stenosis), 4 (aortic regurgitation, mitral stenosis, *P.M.* 1), 148 (exophthalmic goitre, glycosuria), 171 (cholelithiasis), 230 (mitral stenosis, see S. 248), 233 (mitral stenosis), 356, 360.

P. 14 (exophthalmic goitre, mitral stenosis, see P. 167), 84 (mitral stenosis), 158, 211 (mitral stenosis, portal pylephlebitis, septic splenic infarct, * J. T. 201, *P.M.* 236), 253, 263 (see E. 107).

DISORDERS OF RHYTHM—(continued).

B. 17 (hæmatemesis, no *P.M.*), 97 (mitral stenosis), 112 (mitral stenosis, colloid goitre), 125 (mitral stenosis, see B. 212), 189 (mitral stenosis, 192 (mitral stenosis), 212 (mitral stenosis, see B. 125), 280.

E. 60 (mitral stenosis), 107 (mitral stenosis, see P. 263), 162, 195 (mitral stenosis), 196 (mitral stenosis, see E. 290), 213 (aortic regurgitation), 244 (pulmonary infarction), 285, 290 (myocardial degeneration, pulmonary infarction, see E. 196, *P.M.* 290), 294 (mitral stenosis, pulmonary infarction), 320 (congenital morbus cordis), 324, 333 (aortic regurgitation, lobar pneumonia), 334 (exophthalmic goitre, * J. T. 218), 360 (exophthalmic goitre, * J. T. 217), 367 (mitral stenosis), 383 (mitral stenosis).

L. 6 (mitral stenosis, see L. 72), 7 (mitral stenosis, see L. 73 and L. 103), 11 (mitral stenosis, erythema), 12 (cerebral embolism), 25 (subacute rheumatic fever, mitral stenosis, bronchitis, see L. 196), 28 (mitral stenosis, aortic regurgitation, auricular flutter, no *P.M.*), 31 (empyema, *P.M.* 73), 33 (paroxysmal, exophthalmic goitre, see L. 200, * W. T. 42), 37 (mitral stenosis, bronchitis, see L. 157), 42 (mitral stenosis, auricular flutter, hemiplegia), 56 (aortic regurgitation), 57, 61 (pulmonary infarction), 64 (cirrhosis of the liver), 72 (mitral stenosis, bronchitis, see L. 6), 73 (mitral stenosis, aortic regurgitation, lobar pneumonia, empyema, see L. 7 and L. 103), 75 (mitral stenosis), 81 (mitral stenosis, influenzal pneumonia, cerebral thrombosis, femoral thrombosis, see L. 193), 89 (myocardial degeneration, pleural effusion), 92 (aortic regurgitation, acute mania), 98 (mitral stenosis, aneurysmal dilatation of the auricles, see L. 162), 103 (mitral stenosis, aortic regurgitation, see L. 7 and L. 73), 108, 112 (exophthalmic goitre), 119 (mitral stenosis, pulmonary oedema), 120 (mitral stenosis, chronic bronchitis, see L. 191), 122 (mitral stenosis), 126 (mitral stenosis, pleural effusion), 130 (hyperpiesia, see L. 132), 132 (hyperpiesia, see L. 130), 139, (diabetes mellitus, osteitis deformans, see B. 29), 156 (mitral stenosis, aortic regurgitation), 157 (mitral stenosis, aortic regurgitation, see L. 37), 158 (mitral stenosis, aortic regurgitation, thrombo-angiitis obliterans), 162 (aneurysmal dilatation of the auricles, mitral stenosis, see L. 98, *P.M.* 260), 164 (mitral stenosis, gout, see L. 195), 167 (mitral stenosis, aortic regurgitation, cerebral embolism), 175 (mitral stenosis, pulmonary infarction, no *P.M.*), 185 (exophthalmic goitre), 190 (mitral stenosis, exophthalmic goitre), 191 (mitral stenosis, chronic bronchitis, see L. 120), 193 (mitral stenosis, see L. 81), 195 (mitral stenosis, chronic bronchitis, see L. 164), 196 (bronchitis, see L. 25), 200 (paroxysmal, exophthalmic goitre, see L. 33, * W. T. 42).

M. 88 (exophthalmic goitre, diabetes mellitus, see M. 32).

(e) *Auricular flutter.*

E. 98 (mitral stenosis, aortic stenosis), 164.

L. 9, 28 (mitral stenosis, aortic regurgitation, auricular fibrillation, no *P.M.*), 42 (mitral stenosis, auricular fibrillation, hemiplegia).

5. ANGINA PECTORIS.

S. 124 (aortic regurgitation, albuminuria, see L. 21 and L. 95).

P. 268.

E. 170.

L. 21 (aortic regurgitation, see L. 95 and S. 124), 95 (aortic regurgitation, hyperpiesia, albuminuria, see L. 21 and S. 124), 121, 142, 145 (aortic regurgitation, ovarian cyst, see L. 161 and J. T. 183), 151 (complete heart-block), 154, 161 (dilated aorta, aortic regurgitation, ovarian cyst, see L. 145 and J. T. 183, *P.M.* 257).

6. CONGENITAL MALFORMATIONS.

- S. 123.
 P. 39 (bronchitis), 112.
 E. 148, 320 (auricular fibrillation).
 C. 21 (bronchitis), 36 (bronchitis, see C. 256), 37 (broncho-pneumonia), 73 (bronchitis), 168 (*P.M.* 154), 256 (see C. 36), 261 (*P.M.* 216), 297.

II. DISEASES OF THE ARTERIES.

1. HYPERPIESIA.

- S. 8 (osteo-arthritis), 28 (albuminuria, retinitis), 47 (rheumatoid arthritis), 61 (tonsillitis, * *R. E. H.*), 192, 196, 200, 247, 269, 282 (diabetes mellitus), 313 (coarctation of the aorta), 325 (albuminuria), 353 (cholelithiasis, syphilis).
 P. 89 (bronchitis), 109, 233 (chronic nephritis, myocardial degeneration), 260 (cerebral thrombosis).
 B. 75, 272 (diabetes mellitus).
 E. 77 (myocardial degeneration, infective dermatitis), 115, 159 (chronic nephritis), 206 (hæmoptysis), 228, 281, 288 (heart-block, see E. 289), 289 (heart-block, see E. 288), 335 (cerebral hæmorrhage), 351 (pyuria), 365 (vitreous hæmorrhage, pyuria), 370 (myxœdema).
 L. 76, 95 (aortic regurgitation, angina pectoris, albuminuria, see L. 21 and S. 124), 130 (auricular fibrillation, see L. 132), 132 (auricular fibrillation, see L. 130), 159.
 W. 47 (pituitary tumour).
 C. 230 (mitral stenosis).

2. DISEASES OF THE AORTA.

(a) *Syphilitic aortitis.*

- S. 364 (carcinoma of the uterus, chronic nephritis, *P.M.* 303).
 B. 20 (aortic regurgitation, pulmonary infarction, *P.M.* 29), 249 (aortic regurgitation).

(b) *Dilatation.*

- L. 93 (diabetes mellitus, peripheral neuritis), 161 (aortic regurgitation, angina pectoris, ovarian cyst, see L. 145 and *J.T.* 183, *P.M.* 257).

(c) *Aneurysm.*(i) *Thoracic.*

- P. 120.
 E. 59 (tabes dorsalis, varicella), 315 (constipation).
 L. 58 (abdominal aneurysm, see L. 109), 109 (abdominal aneurysm, see L. 58, *P.M.* 189).

(ii) *Abdominal.*

- E. 266 (* *E. K. M.* 377, *P.M.* 222).
 L. 58 (thoracic aneurysm, see L. 109), 109 (thoracic aneurysm, see L. 58, *P.M.* 189).

(d) *Thrombosis.*

- S. 201 (ulcerative colitis, * *G. W.*, Coroner's *P.M.*).

3. THROMBO-ANGIITIS OBLITERANS.

- S. 228 (diabetes mellitus, erysipelas), 311.
 E. 141.
 L. 133 (duodenal ulcer), 158 (mitral stenosis, aortic regurgitation, auricular fibrillation).

4. GENERAL ARTERIOSCLEROSIS.

L. 177 (gangrene of finger, * S. U. 6197).

5. RAYNAUD'S PHENOMENON.

L. 52, 84 (see L. 85), 85 (see L. 84), 96 (see L. 199), 140, 199 (* G. W. 413, see L. 96).

6. NOTHNAGEL'S ANGINA.

L. 105 (see L. 136), 136 (see L. 105).

7. CORONARY THROMBOSIS.

P. 129 (chronic nephritis, *P.M.* 161).

E. 101 (arthritis of the knee, *P.M.* 117).

8. GANGRENE.

E. (diabetes mellitus, myocardial degeneration, *P.M.* 70), 25 (diabetes mellitus, * G. W. 229).

L. 177 (general arteriosclerosis), * S. U. 6197).

G. 146 (* G. W. 390).

M. 37 (diabetes mellitus, * G. W. 165).

9. COARCTATION OF THE AORTA.

S. 313 (hyperpiesia).

III. DISEASES OF THE VEINS.

1. PHLEBITIS.

S. 110 (diffuse arthritis, chronic nephritis, subcutaneous abscess. * G. W. 316).

B. 194 (exophthalmic goitre).

L. 114 (renal calculus, pyelitis).

M. 15 (bronchitis).

2. THROMBOSIS.

B. 94 (mitral stenosis, no *P.M.*).

E. 24 (lobar pneumonia), 248, 268.

L. 26 (aortic stenosis, ophthalmic herpes), 81 (mitral stenosis, auricular fibrillation, influenzal pneumonia, cerebral thrombosis, see L. 193).

TABLE V.—DISEASES OF THE BLOOD, SPLEEN AND LYMPHATIC SYSTEM.

I. DISEASES OF THE BLOOD.

1. ANÆMIA.

(a) *Chlorotic.*

C. 26.

M. 76.

(b) *Pernicious.*

S. 65 (subacute combined degeneration of the cord), 70 (subacute combined degeneration of the cord), 157, 387.

P. 124.

B. 231 (see E. 291), 242 (dermatitis herpetiformis), 278 (subacute combined degeneration of the cord).

E. 100, 123 (pleural effusion), 238, 291 (see B. 231), 297, 371 (subacute combined degeneration of the cord).

M. 5 (*P.M.* 27), 65.

ANÆMIA—(continued).

(c) *Aplastic.*

E. 226.

(d) *Pseudo-leukæmic of infants.*

C. 196 (see C. 7).

(e) *Secondary.*

S. 23 (menorrhagia), 141, 178, 346 (hæmorrhoids, see E. 346 and E. 347), 368 (gastric neurosis).

P. 83.

B. 82 (hæmorrhoids), 129 (aortic stenosis, subinvolution), 260 (debility).

E. 346 (hæmorrhoids, * G. W. 357, see S. 346 and E. 347), 347 (hæmorrhoids, see S. 346 and E. 346).

L. 124.

2. SPLENOMEGALIC POLYCYTHÆMIA.

S. 98 (embolism of central artery of retina), 130 (broncho-pneumonia, P.M. 140), 188 (syphilitic meningo-myelitis).

3. LEUKÆMIA.

(a) *Myeloid.*

S. 66, 133 (pleural effusion).

P. 157.

B. 119.

E. 352 (see E. 353), 353 (see E. 352).

C. 137.

M. 45.

(b) *Lymphatic.*

S. 143 (P.M. 145).

P. 93 (no P.M.).

B. 11, 173 (purpura, P.M. 195).

(c) *Mixed-celled.*

S. 202 (cellulitis of face, P.M. 179).

4. PURPURA.

(a) *Simplex.*

P. 127.

B. 173 (acute lymphatic leukæmia, P.M. 195).

E. 11.

G. 46, 71.

C. 231.

(b) *Rheumatic.*

C. 156.

II.—DISEASES OF THE SPLEEN.

1. SPLENIC ANÆMIA.

S. 204 (hæmatemesis, * J. T. 123), 285 (hæmatemesis, laryngitis, old intracapsular fracture of femur, P.M. 244), 297 (* J. T. 258).

E. 183, 317.

2. AMYLOID DEGENERATION.

P. 44 (pulmonary tuberculosis, P.M. 91).

3. INFARCTION.

- P. 211 (mitral stenosis, auricular fibrillation, portal pylephlebitis,
* J. T. 201, *P.M.* 236).

4. ENLARGEMENT (of uncertain origin).

- B. 135 (enlarged liver of uncertain origin).
E. 143, 189, 309 (pleural effusion).
C. 32 (hydrocele).
M. 68 (exophthalmic goitre).

III.—DISEASES OF THE LYMPHATIC SYSTEM.

1. LYMPHADENITIS.

(a) *Chronic pyogenic.*

- G. 1 (leprosy, aspirated).
C. 71, 171 (tonsillitis), 197, 258, 259.

(b) *Tuberculous.*

- S. 109 (pulmonary tuberculosis), 213 (asthma, ventral hernia), 220,
333 (* J. T. 242), 375 (gastric neurosis).
B. 271.
C. 39, 322.

2. LYMPHADENOMA.

- P. 65, 163 (extra-dural spinal tumour, *P.M.* 221).
E. 142 (obstructive jaundice, *P.M.* 149).
L. 30.
M. 57 (see M. 58), 58 (see M. 57).

3. LYMPHANGITIS.

- G. 57 (epidermophytosis of toes).

4. ELEPHANTIASIS.

- L. 123.

5. LYMPHOSARCOMA.

- E. 263 (general peritonitis, * J. T. 188, *P.M.* 217).

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

1. THYROID GLAND.

(a) *Chronic thyroiditis.*

- P. 23 (see E. 336).

(b) *Myxcedema.*

- B. 131, 232.
E. 18 (broncho-pneumonia, *P.M.* 37), 370 (hyperpiesia).
M. 31.

(c) *Exophthalmic goitre.*

- S. 24, 101, 148 (auricular fibrillation, glycosuria), 166 (see S. 299),
187, 232, 264, 299 (* E. K. M. 439, see S. 166), 341, 378.
P. 14 (mitral stenosis, auricular fibrillation, see P. 167), 110, 167
(mitral stenosis, see P. 14), 202 (mitral stenosis, diabetes mellitus).

THYROID GLAND—(continued).

B. 29 (diabetes mellitus, osteitis deformans, see L. 139), 34, 53, 93 (mitral stenosis, * G. W. 154), 100 (* J. T. 57), 149 (* J. T. 179), 183 (chronic appendicitis, * R. E. H.), 194 (phlebitis), 241.

E. 25 (* J. T. 75 and * J. T. 272), 72 (* W. T. 171), 75 (* W. T. 22), 154, 334 (auricular fibrillation, * J. T. 218), 336 (bronchitis, amyotrophic lateral sclerosis, see P. 23, *P.M.* 274), 360 (auricular fibrillation, * J. T. 217).

L. 3, 33 (paroxysmal auricular fibrillation, see L. 200), 111 (subacute bacterial endocarditis, cerebral embolism, no *P.M.*), 112 (auricular fibrillation), 128 (* W. T. 187), 178 (* G. W. 315), 184, 190 (mitral stenosis, auricular fibrillation), 197 (* G. W. 408), 200 (auricular fibrillation, see L. 33, * W. T. 42).

M. 32 (diabetes mellitus, see M. 88), 68 (enlarged spleen of uncertain origin), 87, 88 (auricular fibrillation, diabetes mellitus, see M. 32).

(d) *Toxic goitre.*

S. 218.

P. 243.

B. 38, 175

E. 112 (* J. T. 48, *P.M.* 135), 185, 210.

(e) *Colloid goitre.*

S. 152 (mitral stenosis).

B. 112 (mitral stenosis, auricular fibrillation), 118.

L. 185 (auricular fibrillation).

2. PANCREAS (islet tissue).

(a) *Diabetes mellitus.*

S. 3, 12 (progressive muscular atrophy, *P.M.* 28), 43 (hæmoptysis), 49 (rheumatoid arthritis), 93, 119, 138, 159, 174, 200 (hyperpiesia), 209, 211 (diaphragmatic hernia, see S. 117), 215, 217, 219 (hæmoptysis, tonsillitis), 228 (thrombo-angiitis obliterans, erysipelas), 229, 253 (pyuria), 279, 282 (hyperpiesia), 328, 355, 361, 376 (hæmoptysis).

P. 18, 24, 38, 47 (pulmonary tuberculosis), 106, 137, 165, 180, 202 (exophthalmic goitre, mitral stenosis), 205 (osteo-arthritis, vulvitis), 222, 248, 250, 259, 261 (bronchitis).

B. 16, 22 (pulmonary tuberculosis), 28 (erysipelas, see B. 265), 29 (osteitis deformans, exophthalmic goitre, see L. 139), 51, 73, 79, 85 (see B. 201), 133, 134 (see B. 274), 201 (peripheral neuritis, see B. 85), 228 (f.b. in the leg), 265 (see B. 28), 272 (hyperpiesia), 274 (see B. 134), 276 (cataract, * Mr. Neame).

E. 7, 8 (*P.M.* 8), 21, 40, 43, 61 (myocardial degeneration, gangrene of leg, *P.M.* 70), 63 (subcutaneous abscess), 89, 118, 134, 144 (cerebral arteriosclerosis, cholelithiasis, renal calculus, *P.M.* 153), 145 (see E. 382), 147 (see E. 358), 156, 163 (see E. 345), 172, 176, 186, 190 (pulmonary tuberculosis), 198, 211, 218, 220, 229 (carbuncle, * G. W. 193), 250 (gangrene of foot, * G. W. 229), 272, 345 (see E. 163), 358 (see E. 147), 359 (albuminuria), 374, 382 (see E. 145).

L. 93 (peripheral neuritis, dilated aorta), 115, 134 (aortic regurgitation), 139 (auricular fibrillation, osteitis deformans, see B. 29), 155, 173.

W. 4 (*P.M.* 34), 81 (cerebral tumour).

C. 192, 323.

M. 4 (see M. 44), 17, 30, 32 (exophthalmic goitre, see M. 88), 37 (gangrene of foot, * G. W. 165), 44 (see M. 4), 67 (no *P.M.*), 73, 88 (exophthalmic goitre, auricular fibrillation, see M. 32).

3. ADRENAL GLANDS.

(a) *Addison's disease.*

S. 249, 250.

P. 175 (*P.M.* 193).M. 70 (subacute combined degeneration, * *G. W.* 95).

4. THYMUS.

(a) *Malignant disease.*S. 352 (secondary involvement of the pericardium, *P.M.* 296).P. 231 (myasthenia gravis, see *P.* 230, no *P.M.*).

5. PITUITARY GLAND.

(a) *Acromegaly.*S. 173, 276 (bronchiectasis, pulmonary hypertrophic osteoarthropathy, see *S.* 111).(b) *Tumour.*

W. 47 (hyperpiesia).

6. OBESITY.

S. 16 (glycosuria), 224.

B. 186 (see *B.* 286).

E. 1, 165.

L. 41 (bronchitis).

W. 77.

M. 90.

7. MALNUTRITION AND MARASMUS.

C. 56 (broncho-pneumonia, gastro-enteritis, *P.M.* 59), 66, 80, 87, 94, 103 (gastro-enteritis, pertussis), 128, 130, 143, 193 (see *C.* 306), 246 (congenital syphilis, *P.M.* 228), 251 (Jacksonian epilepsy, *P.M.* 235), 269 (see *C.* 324), 327.

8. DEBILITY.

S. 263.

P. 224.

B. 260 (secondary anæmia).

E. 362.

C. 241, 330 (mental deficiency).

9. ACETONÆMIA.

P. 266 (chorea).

C. 132, 154, 267, 284.

10. PINK DISEASE.

C. 97, 118 (bronchitis), 166.

11. RICKETS.

E. 361.

C. 59 (bronchitis), 92 (vomiting), 98 (broncho-pneumonia), 104 (broncho-pneumonia), 115 (broncho-pneumonia), 214, 223 (scarlatina), 262 (infantile convulsions), 275, 301 (unresolved pneumonia), 302, 304 (bronchitis), 306 (bronchitis, see *C.* 193).

12. INFANTILE SCURVY.

C. 266.

13. HÆMOCHROMATOSIS.

S. 309.

14. CÆLIAC DISEASE.

C. 206.

15. GOUT.

E. 319 (cerebral arteriosclerosis), 377 (chronic nephritis, syphilis).
 L. 14 (bronchitis, broncho-pneumonia), 164 (mitral stenosis, auricular fibrillation, see L. 195).

TABLE VII.—DISEASES OF THE RESPIRATORY SYSTEM.

I. DISEASES OF THE LARYNX.

1. LARYNGITIS.

(a) *Simple.*

S. 285 (splenic anæmia, hæmatemesis, old intracapsular fracture of femur, *P.M.* 244).

(b) *Tuberculous.*

P. 53 (pulmonary tuberculosis).

E. 177 (pulmonary tuberculosis, pleural effusion, see B. 163).

II. DISEASES OF THE BRONCHI.

1. BRONCHITIS (acute and chronic).

S. 21 (emphysema), 34 (asthma, emphysema), 56, 63 (old spinal caries, *P.M.* 63), 68, 83 (asthma), 100 (mitral stenosis), 106 (constipation) 113 (no *P.M.*), 114 (no *P.M.*), 117 (diaphragmatic hernia, see S. 211), 142 (emphysema, nasal polypi), 155 (mitral stenosis), 165, 177, 225, 251 (asthma, emphysema), 255 (asthma, emphysema).

P. 16, 39 (congenital morbus cordis), 70 (aortic regurgitation, pericarditis), 89 (hyperpiesia), 104, 179, 216, 261 (diabetes mellitus).

B. 10, 14 (septicæmia, *P.M.* 11), 48, 49 (*P.M.* 56), 55 (asthma), 126 (mitral stenosis), 150 (asthma), 209 (cellulitis of leg, scabies), 258 (bronchiectasis, fibrosis of lung, *P.M.* 271), 281 (emphysema).

E. 3, 5, 31 (mitral stenosis, subinvolution), 58, 78, 87, 95, 97, 132, 133 (carcinoma of the bladder, emphysema), 138, 211 (asthma), 259 (gastric ulcer, asthma), 326 (pleural effusion), 336 (exophthalmic goitre, amyotrophic lateral sclerosis, see P. 23, *P.M.* 274), 356.

L. 14 (broncho-pneumonia, gout), 18 (aortic regurgitation, tabes dorsalis), 20 (tonsillitis), 25 (subacute rheumatic fever, mitral stenosis, auricular fibrillation, see L. 196), 29 (mitral stenosis, aortic regurgitation), 33 (emphysema), 37 (mitral stenosis, auricular fibrillation, see L. 157), 39 (myocardial degeneration), 41 (obesity), 43 (myocardial degeneration, *P.M.* 93), 65 (mitral stenosis), 72 (mitral stenosis, auricular fibrillation, see L. 6), 82, 120 (mitral stenosis, auricular fibrillation, see L. 191), 160 (asthma, * R. E. H.), 191 (mitral stenosis, auricular fibrillation, see L. 120), 195 (mitral stenosis, auricular fibrillation, see L. 164), 196 (auricular fibrillation, see L. 25).

G. 36 (erythema).

W. 91 (concussion).

C. 2 (gastro-enteritis, *P.M.* 2), 12 (acute nephritis), 21 (congenital morbus cordis, see C. 256), 24, 36 (congenital morbus cordis), 44, 59 (rickets), 63, 68, 73 (congenital morbus cordis), 84, 90 (pyloro-spasm), 91, 118 (pink disease), 123, 161, 170 (aphthous stomatitis), 174 (constipation), 304 (rickets), 306 (rickets, see C. 193), 312, 316 (gastro-enteritis), 324 (see C. 269), 329.

M. 15 (phlebitis), 36.

2. BRONCHIECTASIS.

S. 112, 137, 276 (pulmonary hypertrophic osteo-arthropathy, acromegaly, see S. 111), 393.

P. 159 (abscess in neck, post-operative pneumonia, * G. W. 268, no *P.M.*), 232 (old g.s.w. of chest, hæmoptysis).

B. 230, 258 (acute bronchitis, chronic fibrosis of lung, *P.M.* 271).

E. 125 (see E. 283), 283 (see E. 125, * G. W. 125), 310 (fibrosis of lung, see E. 311), 311 (fibrosis of lung, see E. 310, *P.M.* 255), 332 (pericarditis, *P.M.* 272, 342, 387 (fibrosis of lung)).

C. 169, 320.

M. 7.

3. ASTHMA.

S. 34 (bronchitis, emphysema), 83 (bronchitis), 213 (tuberculous adenitis, ventral hernia), 251 (bronchitis, emphysema), 255 (bronchitis, emphysema).

P. 12.

B. 55 (bronchitis), 150 (bronchitis).

E. 211 (bronchitis), 259 (chronic gastric ulcer, bronchitis), 323, 341.

L. 152, 160 (bronchitis, * R. E. H.).

C. 179, 180, 273, 289, 293.

M. 77.

4. FOREIGN BODY.

S. 383 (pulmonary abscess).

III. DISEASES OF THE LUNGS.

1. LOBAR PNEUMONIA.

S. 30 (dry pleurisy), 52, 72, 105 (pleural effusion), 145 (*P.M.* 150), 176, 189 (pleural effusion), 268 (toxic erythema, see G. 123), 350 (empyema, pericarditis, *P.M.* 261).

P. 29 (*P.M.* 62), 47, 54 (empyema), 68, 71, 131, 184, 252.

B. 32, 43, 45, 46 (acute endocarditis, *P.M.* 72), 47 (*P.M.* 65), 58, 59, 60, 99, 115, 120, 132 (dry pericarditis), 261.

E. 15 (pleurisy, pericarditis, no *P.M.*), 24 (femoral thrombosis), 96, 126, 152, 173 (pneumococcal arthritis, *P.M.* 164), 182 (pleural effusion), 188, 204, 225, 271, 325, 333 (aortic regurgitation, auricular fibrillation), 343, 389.

L. 2, 5 (mitral stenosis, *P.M.* 19), 22 (empyema, chronic nephritis, *P.M.* 57), 49, 50, 54, 55, 63 (pleural effusion), 66 (pleural effusion), 73 (mitral stenosis, aortic regurgitation, auricular fibrillation, empyema, see L. 7 and L. 103), 90, 144, 153 (pleural effusion), 176 (dry pleurisy, *P.M.* 268).

C. 5, 10, 14 (see C. 285), 15, 31 (empyema, no *P.M.*), 33, 45 (no *P.M.*), 50, 54, 96, 105, 114, 119, 120 (pulmonary abscess, pertussis, see C. 222), 144, 153, 198, 208, 210 (see C. 235), 211, 233 (empyema, * S. U.), 235 (see C. 210), 248, 287 (*P.M.* 269), 295, 303.

W. 13.

M. 19, 35 (no *P.M.*), 60 (chronic nephritis, no *P.M.*), 72 (dry pleurisy, no *P.M.*).

2. INFLUENZAL PNEUMONIA.

S. 5 (mitral stenosis, empyema, *P.M.* 13), 32 (*P.M.* 16), 58 (furunculosis of ear, incision).

P. 9 (no *P.M.*), 26 (*P.M.* 55), 32 (no *P.M.*), 55, 82.

B. 78.

INFLUENZAL PNEUMONIA—(continued).

- E. 47, 230 (pleural effusion).
- L. 4 (*P.M.* 20), 23 (*P.M.* 47), 32 (cirrhosis of the liver, *P.M.* 74), 38 (*P.M.* 85), 53.
- C. 62 (no *P.M.*).

3. BRONCHO-PNEUMONIA.

- S. 62 (pulmonary abscess, *P.M.* 61), 129 (cerebral tumour, (*P.M.* 131), 130 (polycythæmia, *P.M.* 140).
- P. 11 (pulmonary tuberculosis, *P.M.* 26), 117, 125 (pulmonary tuberculosis, empyema, *P.M.* 75) 159 (bronchiectasis, abscess in neck, * *G. W.* 268, no *P.M.*), 208, 227 (senile prostate, no *P.M.*).
- B. 12 (progressive muscular atrophy, no *P.M.*).
- E. 9 (carcinoma of lung, pulmonary abscess, * *J. T.* 181/28, *P.M.* 17), 18 (myxœdema, *P.M.* 37), 37, 49, 50 (empyema, * *Surgical Registrar*), 51, 52, 53, 65 (hypernephroma of kidney, *P.M.* 81), 69 (carcinoma of stomach, *P.M.* 88), 74 (cerebral thrombosis, *P.M.* 92), 167 (dry pleurisy), 253 (carcinoma of small intestine, carcinoma of lung, * *G. W.* 201, *P.M.* 183), 339 (carcinoma of colon, diverticulosis, *P.M.* 276), 372 (* *R. E. H.*).
- L. 14 (bronchitis, gout), 35 (pleural effusion), 81 (mitral stenosis, auricular fibrillation, cerebral thrombosis, femoral thrombosis), 97 (myocardial degeneration, no *P.M.*), 137 (cerebral thrombosis, *P.M.* 212).
- G. 24 (*G.P.I.*, *P.M.* 44), 119 (lupus erythematosus, no *P.M.*).
- W. 48 (hypernephroma of kidney, secondary deposits in brain, secondary deposits in lung, *P.M.* 185).
- C. 1 (*P.M.* 6), 3, 20 (no *P.M.*), 23 (no *P.M.*), 25, 27 (pertussis), 28, 29, 30, 34 (*P.M.* 42), 37 (congenital morbus cordis), 43, 47, 48 (*P.M.* 46), 49 (mitral stenosis), 51, 52, 56 (marasmus, gastro-enteritis, *P.M.* 59), 57 (*P.M.* 52), 64, 65, 67, 77 (*P.M.* 64), 85 (sarcoma of kidney, * *G. W.* 36, *P.M.* 79), 86 (*P.M.* 80), 93, 95 (gastro-enteritis, *P.M.* 83), 98 (rickets), 101 (pertussis), 102 (rickets), 104, 113 (tonsillitis), 115 (rickets), 117, 138 (pertussis), 146 (*P.M.* 121), 147 (*P.M.* 122), 199, 200, 212 (acute nephritis, empyema, * *S.U.* 5931), 215, 220 (*P.M.* 204), 247 (gastro-enteritis, *P.M.* 221), 250, 255, 270 (gastro-enteritis, no *P.M.*), 307 (acute nephritis, see *C.* 308), 308 (see *C.* 307), 310 (pertussis), 321 (*P.M.* 304), 325.
- M. 85 (*P.M.* 301), 91.

4. UNRESOLVED PNEUMONIA.

- S. 314 (see *S.* 208).
- E. 366.
- C. 17 (empyema, pulmonary abscess, *P.M.* 14), 126, 162, 301 (rickets).

5. ABSCESS.

- S. 13 (see *S.* 390), 62 (broncho-pneumonia, *P.M.* 61), 95 (* *G. W.* 97), 118, 291 (* *G. W.*), 312, 383 (f.b. in lung), 390 (spontaneous pneumothorax, see *S.* 13).
- B. 179, 264 (empyema, * *E. K. M.* 428, no *P.M.*).
- E. 9 (carcinoma of lung, broncho-pneumonia, * *J. T.* 181/28, *P.M.* 17).
- L. 10 (carbuncle, pyæmia, *P.M.* 21).
- C. 17 (unresolved pneumonia, empyema, *P.M.* 14), 120 (lobar pneumonia, pertussis, see *C.* 222), 158 (*P.M.* 141), 222 (see *C.* 120).
- M. 46 (see *M.* 86), 86 (see *M.* 46).

6. GANGRENE.

S. 92 (carcinoma of stomach, pyloric obstruction, * E. K. M. 165, *P.M.* 106).

7. FIBROSIS.

(a) *Simple.*

S. 302.

P. 181, 218.

B. 146, 258 (bronchiectasis, acute bronchitis, *P.M.* 271).

E. 310 (bronchiectasis, see E. 311), 311 (bronchiectasis, see E. 310, *P.M.* 255), 387 (bronchiectasis).

(b) *Silicosis.*

E. 354.

8. ACUTE ŒDEMA.

L. 119 (mitral stenosis, auricular fibrillation).

9. INFARCTION AND EMBOLISM.

S. 248 (mitral stenosis, see S. 230).

P. 66 (mitral stenosis), 90 (mitral stenosis).

B. 20 (aortic regurgitation, syphilitic aortitis, *P.M.* 29).

E. 244 (auricular fibrillation), 290 (myocardial degeneration, auricular fibrillation, see E. 196, *P.M.* 230), 294 (mitral stenosis, auricular fibrillation).

L. 17 (mitral stenosis, aortic regurgitation), 61 (auricular fibrillation), 170 (mitral stenosis, *P.M.* 265), 175 (mitral stenosis, auricular fibrillation, no *P.M.*).

C. 298 (pyelonephritis, *P.M.* 275).

10. HÆMOPTYSIS (of uncertain origin).

S. 37 (mitral regurgitation), 43 (diabetes mellitus), 154 (coli bacilluria), 219 (diabetes mellitus, tonsillitis), 326, 334, 376 (diabetes mellitus).

B. 39, 162.

E. 206 (hyperpiesia).

L. 70.

11. TUBERCULOSIS.

S. 6, 29, 33, 39 (visceroptosis), 88, 89, 109 (tuberculous adenitis), 125, 127, 128, 131 (* E. K. M. 219, *P.M.* 133), 193, 199 (tuberculosis of the sternum, pleural effusion), 205, 206, 212, 236 (duodenal ulcer, see S. 237), 237 (duodenal ulcer, see S. 236), 244, 245, 246, 267, 286, 287, 289, 290, 293, 294, 304, 315, 317 (pleural effusion), 331, 344 (*P.M.* 267), 354, 367, 369, (tabes dorsalis), 374 (*P.M.* 288), 380, 392, 396 (pyopneumothorax, * J. T. 299).

P. 2, 11 (broncho pneumonia, *P.M.* 26), 15, 21 (dry pleurisy, acute gastric ulcer, see B. 21, *P.M.* 31), 44 (amyloid spleen, *P.M.* 91), 46 (diabetes mellitus), 50, 52, 53 (tuberculous laryngitis), 95 (carcinoma of lung, hæmorrhagic pericarditis, *P.M.* 130), 96 (*P.M.* 137), 125 (broncho-pneumonia, empyema, *P.M.* 75), 134 (dry pleurisy), 135 (dry pleurisy), 170 (see B. 287), 188 (chronic appendicitis, * G. W., see P. 265), 192 (tuberculosis of spine), 193 (see B. 222), 195 (tuberculous enteritis, generalized miliary tuberculosis, *P.M.* 224), 214 (see E. 298), 265 (see P. 188).

B. 21 (dry pleurisy, acute gastric ulcer, see P. 21), 22 (diabetes mellitus), 24, 25, 26 (tuberculous arthritis), 27, 41 (see L. 107, *P.M.* 45), 80, 137, 143, 161, 163 (see E. 177), 165, 166, 172 (tuberculous meningitis,

TUBERCULOSIS—(continued).

tuberculous enteritis, *P.M.* 202), 177 (renal tuberculosis, *P.M.* 203), 207, 208, 210, 211 (renal tuberculosis, see *L.* 146), 221, 222 (see *P.* 193), 237 (see *E.* 316), 238, 239, 255 (see *B.* 157), 269 (tuberculous enteritis, perforation of small intestine, tuberculous empyema, *P.M.* 298), 268 (duodenal ulcer, pyloric obstruction, **J.T.* 276. no *P.M.*), 287 (see *P.* 170).

E. 1, 16 (dry pleurisy), 44, 130 (see *E.* 292), 149, 150 (dry pleurisy), 169, 177 (pleural effusion, tuberculous laryngitis, see *B.* 163) 190 (diabetes mellitus), 199, 264 (*P.M.* 220), 265 (carcinoma of colon, duodenal ulcer, *P.M.* 219), 273, 292 (see *E.* 130), 298 (see *P.* 214), 316 (see *B.* 237), 330, 390, 392 (*P.M.* 184).

L. 19, 107 (see *B.* 41), 146 (see *B.* 211), 186 (spontaneous pneumothorax, *P.M.* 291).

C. 167, 184,

M. 43.

12. SIMPLE CONSUMPTION (no tubercle bacilli in sputum).

S. 87 (lupus verrucosa, see *G.* 26), 104, 144, 163, 183, 241 (see *S.* 305 and *S.* 306), 242, 243, 261 (see *S.* 262), 262 (see *S.* 261), 288 (syphilis), 292, 305 (see *S.* 241 and *S.* 306), 306 (see *S.* 241 and *S.* 305), 370.

E. 327.

L. 181.

M. 75.

13. ACTINOMYCOSIS.

B. 267 (* *G.W.* 349).

14. EMPHYSEMA.

S. 21 (bronchitis), 34 (asthma, bronchitis), 142 (bronchitis, nasal polypi), 251 (asthma, bronchitis), 255 (asthma, bronchitis).

B. 281 (bronchitis).

E. 133 (bronchitis, carcinoma of bladder).

L. 34 (bronchitis).

15. ATELECTASIS.

C. 121 (*P.M.* 99).

16. AYERZA'S SYNDROME.

M. 8 (*P.M.* 50).

17. CYST IN LUNG.

E. 378 (acute gastric ulcer, hæmatemesis).

C. 173.

18. MALIGNANT DISEASE.

(a) Primary.

S. 191, 260 (pleural effusion), 308 (pleural effusion).

P. 22, 95 (pulmonary tuberculosis, hæmorrhagic pericarditis, *P.M.* 130).

E. 72 (*P.M.* 95).

E. 9 (pulmonary abscess, broncho-pneumonia * *J.T.* 181/28, *P.M.* 17), 175 (secondary deposits in the brain, *P.M.* 175), 253 (carcinoma of small intestine, broncho-pneumonia, * *G.W.* 201, *P.M.* 183).

M. 25 (see *M.* 66), 54 (no *P.M.*), 66 (see *M.* 25).

(b) Secondary.

S. 198 (carcinoma of stomach, *P.M.* 165).

P. 136 (carcinoma of stomach).

E. 171 (sarcoma of rib, secondary deposit in spine).

W. 48 (hypernephroma of kidney, secondary deposits in brain, broncho-pneumonia, *P.M.* 185).

IV. DISEASES OF THE PLEURA.

1. DRY PLEURISY.

- S. 30 (lobar pneumonia), 59.
- P. 21 (pulmonary tuberculosis, acute gastric ulcer, see B. 21, *P.M.* 31), 56, 69, 130, 134 (pulmonary tuberculosis), 135 (pulmonary tuberculosis), 151, 173, 217 (mitral stenosis).
- B. 21 (pulmonary tuberculosis, acute gastric ulcer, see P. 21), 36, 282.
- E. 15 (lobar pneumonia, pericarditis, no *P.M.*), 16 (pulmonary tuberculosis), 42 (see E. 197) 45, 135, 150 (pulmonary tuberculosis), 167 (broncho-pneumonia), 255, 381 (mega-colon).
- L. 176 (lobar pneumonia, *P.M.* 268).
- C. 181, 254.
- M. 72 (lobar pneumonia, no *P.M.*)

2. PLEURAL EFFUSION.

- S. 105 (lobar pneumonia), 132 (sclerodermia, no *P.M.*), 133 (myeloid leukaemia), 160, 189 (lobar pneumonia), 199 (pulmonary tuberculosis, tuberculosis of sternum), 222 (carcinoma of stomach), 234, 260 (carcinoma of lung), 274, 284, 308 (carcinoma of lung), 329, 391 (aneurysm of heart, hemiplegia, *P.M.* 289).
- P. 20 (mitral stenosis, aortic regurgitation), 132, 213, 215, 264 (pleural shock).
- B. 141, 251.
- E. 123 (pernicious anaemia), 139 (myocardial degeneration), 177 (pulmonary tuberculosis, tuberculous laryngitis, see B. 163), 181, 182 (lobar pneumonia), 191, 197 (see E. 42), 209, 214, 230 (influenzal pneumonia), 260, 279, 309 (enlarged spleen of uncertain origin), 326 (bronchitis).
- L. 35 (broncho-pneumonia), 63 (lobar pneumonia), 66 (lobar pneumonia), 74, 89 (myocardial degeneration, auricular fibrillation), 91 (myocardial degeneration, no *P.M.*), 101, 126 (mitral stenosis, auricular fibrillation), 153 (lobar pneumonia), 165.
- C. 111 (pertussis), 175, 292 (thickened pleura).

3. EMPYEMA.

- S. 5 (mitral stenosis, influenzal pneumonia, *P.M.* 13), 55 (*Surgical Registrar), 64 (purulent pericarditis, *G. W., *P.M.* 76), 111 (see S. 276), 190 (*Surgical Registrar), 194, 350 (lobar pneumonia, pericarditis, *P.M.* 261).
- P. 42 (*G. W. 32), 54 (lobar pneumonia), 125 (pulmonary tuberculosis, broncho-pneumonia, *P.M.* 75).
- B. 264 (pulmonary abscess, *E. K. M. 428, no *P.M.*), 269 (pulmonary tuberculosis, tuberculous enteritis, perforation of small intestine, *P.M.* 298), 277 (*G. W. 152).
- E. 50 (broncho-pneumonia, 88), 136 (*E. K. M. 254), 313.
- L. 22 (lobar pneumonia, chronic nephritis, *P.M.* 57), 31 (auricular fibrillation, *P.M.* 73), 73 (mitral stenosis, aortic regurgitation, auricular fibrillation, see L. 7 and L. 103).
- C. 17 (unresolved pneumonia, pulmonary abscess, *P.M.* 14), 31 (lobar pneumonia, no *P.M.*), 75 (*S.U. 5621), 108 (*S.U. 5686), 212 (broncho-pneumonia, acute nephritis, *S.U. 5931), 233 (lobar pneumonia, *S.U.)

4. SPONTANEOUS PNEUMOTHORAX.

- S. 390 (pulmonary abscess, see S. 13).
- L. 186 (pulmonary tuberculosis, *P.M.* 291).
- C. 133.

5. PYOPNEUMOTHORAX.

S. 335 (+ J. T. 252), 396 (pulmonary tuberculosis, * J. T. 299).

6. THICKENED PLEURA.

C. 292 (pleural effusion).

TABLE VIII.—DISEASES OF THE DIGESTIVE SYSTEM.

I. DISEASES OF THE MOUTH.

1. STOMATITIS.

(a) *Simple*.

B. 6 (chorea, hysteria).

C. 159 (diarrhoea).

(b) *Aphthous*.

C. 170 (bronchitis), 236 (spastic diplegia).

2. GINGIVITIS.

S. 46.

3. PYORRHOEA ALVEOLARIS.

P. 247.

4. CHRONIC SUPERFICIAL GLOSSITIS.

G. 103.

II. DISEASES OF THE TONSILS AND PHARYNX.

1. TONSILLITIS.

S. 61 (hyperpiesia, * R. E. H.), 76, 181, 182 (* R. E. H.), 185 (mitral stenosis, aortic regurgitation), 219 (diabetes mellitus, hæmoptysis), 339, 394 (aortic regurgitation, mitral stenosis, * R. E. H.).

P. 133, 201.

B. 69.

E. 90, 151 (* R. E. H.), 258, 369 (chronic nephritis).

L. 20 (bronchitis), 135.

W. 72.

C. 113 (broncho-pneumonia), 171 (cervical adenitis), 294 (subacute rheumatic fever).

2. ADENOIDS.

C. 309 (* R. E. H.).

3. PHARYNGITIS.

B. 153 (acute nephritis).

4. MALIGNANT DISEASE.

S. 60.

E. 338 (no P.M.).

III. DISEASES OF THE ŒSOPHAGUS.

1. SIMPLE STRICTURE.

E. 321 (œsophagoscopy G. W. 322).

2. MALIGNANT DISEASE.

S. 107, 295 (* E.K.M. 413, P.M. 251).

P. 199 (* G. W. 209).

B. 109 (* S. U. 5829).

E. 76 (* G. W. 104).

L. 163 (* G. W. 336).

IV. DISEASES OF THE STOMACH.

1. GASTRITIS.

(a) *Acute*.

B. 164.

C. 213.

(b) *Chronic*.

E. 234.

2. GASTRIC ULCER.

(a) *Acute*.P. 21 (pulmonary tuberculosis, pleurisy, see B. 21, *P.M.* 31), 59 (hæmatemesis), 128.

B. 21 (pulmonary tuberculosis, pleurisy, see P. 21), 154, 243 (glycosuria).

E. 378 (hæmatemesis, pulmonary cyst), 385.

(b) *Chronic*.S. 1, 10, 11, 17, 31, 44 (anaphylaxis), 77, 169 (* E. K. M. 285), 203 (* G. W. 199), 239 (hæmatemesis, see S. 172, *P.M.* 233), 266, 322 (hæmatemesis), 342, 363 (pyonephrosis, renal calculus, * G. W. 386), 386.P. 97 (hæmorrhoids, * G. W. 106), 119, 153 (perforation, hæmorrhage, *P.M.* 188), 162 hæmatemesis, *P.M.* 214), 189, 197.B. 9, 30, 42 (hour-glass contraction, * E. K. M. 32, *P.M.* 58), 64, 67 (pyloric stenosis, * G. W. 109), 76, 90, 96, 98, 105 (pyloric stenosis, duodenal ulcer, * E. K. M. 217), 107 (hæmatemesis), 121, 123 (hour-glass contraction), 156, 158, 171 (hour-glass contraction, * G. W. 225), 193 (* J. T. 265), 215, 223, 225, 235 (pyloric stenosis), 253 (pyloric stenosis), 256 (* E. K. M. 417), 283.E. 46, 93 (mitral stenosis), 94, 120, 155, 236 (* S. U. 6016, *P.M.* 206), 259 (asthma, bronchitis), 299 (myelomatosis, adenoma of prostate, *P.M.* 247), 318.

L. 79 (duodenal ulcer, pyloric stenosis, * S. U. 5875), 87.

M. 10 (hæmatemesis), 38, 53 (* G. W. 207), 79, 80.

3. HÆMATEMESIS.

S. 204 (splenic anæmia, * J. T. 123), 239 (chronic gastric ulcer, see S. 172, *P.M.* 233), 285 (splenic anæmia, laryngitis, old fracture of femur, *P.M.* 244), 322 (chronic gastric ulcer).P. 59 (acute gastric ulcer), 63 (duodenal ulcer), 74 (duodenal ulcer), 153 (chronic gastric ulcer, perforation, *P.M.* 188), 162 (chronic gastric ulcer, *P.M.* 124), 186 (duodenal ulcer).B. 17 (auricular fibrillation, no *P.M.*), 107 (chronic gastric ulcer), 202 (duodenal ulcer).

E. 13 (mitral stenosis), aortic regurgitation, urethral stricture, see S. U. 5568), 28, 205 (duodenal ulcer, sciatica), 216 (acute mania), 277 (duodenal ulcer, * G. W. 219), 368 (duodenal ulcer), 378 (acute gastric ulcer, pulmonary cyst).

M. 10 (chronic gastric ulcer).

4. PERFORATION OF ULCER.

P. 153 (chronic gastric ulcer, hæmorrhage, *P.M.* 188).

5. STRICTURE.

(a) *Pyloric stenosis*.S. 92 (carcinoma of pylorus, gangrene of lung, * E. K. M. 165, *P.M.* 106), 208 (cysticerci in muscles, see S. 314).

STRICTURE—(continued).

B. 31 (duodenal ulcer, * J. T. 19, *P.M.* 25), 66 (duodenal ulcer, * E. K. M. 134), 67 (chronic gastric ulcer, * G. W. 109), 104 (duodenal ulcer, * E. K. M. 216), 105 (chronic gastric ulcer, duodenal ulcer, * E. K. M. 217), 106 (carcinoma of stomach, * E. K. M. 218), 174 (chronic pancreatitis, * S. U. 6019), 235 (chronic gastric ulcer), 253 (chronic gastric ulcer), 268 (duodenal ulcer, pulmonary tuberculosis, * J. T. 276, no *P.M.*).

L. 79 (chronic gastric ulcer, duodenal ulcer, * S. U. 5875), 147 (duodenal ulcer).

(b) *Hour-glass contraction.*

B. 42 (chronic gastric ulcer, * E. K. M. 32, *P.M.* 58), 123 (chronic gastric ulcer), 171 (chronic gastric ulcer, * G. W. 225).

(c) *Hypertrophic pyloric stenosis of infants.*

C. 201 (* G. W.), 272 (*P.M.* 250).²

6. VISCEROPTOSIS.

S. 19, 39 (pulmonary tuberculosis), 235, 336.

P. 45, 87, 178, 206.

B. 74, 197, 259.

E. 106, 287, 293.

M. 64.

7. DISORDERS OF FUNCTION.

(a) *Gastric neurosis.*

S. 22, 80, 81, 153, 220, 265, 357, 368 (secondary anaemia), 375 (tuberculous mesenteric glands).

P. 37, 182, 187.

B. 15, 33, 63, 84, 114, 128, 145, 167, 182, 216, 229, 244, 248.

E. 66, 122, 219, 305.

L. 169, 183.

C. 265.

M. 1, 11 (constipation), 26, 56 (fibro-adenoma of breast), 61, 63.

(b) *Pylorospasm of children.*

C. 90 (bronchitis), 122, 152, 155, 157, 279.

8. VOMITING (of uncertain origin).

P. 43.

B. 218 (hysteria), 270 (hysteria, see E. K. M. 145 and 448).

C. 92 (rickets).

9. MALIGNANT DISEASE.

S. 57, 92 (pyloric stenosis, gangrene of lung, * E. K. M. 165, *P.M.* 106), 198 (secondary deposits in lung, *P.M.* 165), 222 (pleural effusion), 389 (* S. U. 6311).

P. 30 (* G. W. 8, no *P.M.*), 72 (no *P.M.*), 105, 128 (*P.M.* 156), 136 (secondary deposits in lung), 269.

B. 106 (pyloric stenosis, * E. K. M. 218), 110 (malignant peritonitis, *P.M.* 159), 184 (* E. K. M. 339), 220 (* E. K. M. 391), 246 (* S. U. 6147), 266 (* Surgical Registrar).

E. 29, 69 (broncho-pneumonia, *P.M.* 88), 217, 262 (* E. K. M. 388), 312 (*P.M.* 249), 380.

L. 67.

M. 6.

V. DISEASES OF THE SMALL INTESTINE.

1. GASTRO-ENTERITIS.

B. 151.

E. 161, 245.

C. 2 (bronchitis, *P.M.* 2), 7 (see C. 196), 55 (*P.M.* 49), 56 (marasmus, broncho-pneumonia, *P.M.* 59), 72, 89, 95 (broncho-pneumonia, *P.M.* 83), 103 (pertussis, marasmus), 107, 127, 139, 140, 145, 182, 203 (*P.M.* 187), 207, 218, 221, 232, 238 (no *P.M.*), 239 (see C. 240), 240 (see C. 239, *P.M.* 227), 243 (no *P.M.*), 247 (broncho-pneumonia, *P.M.* 231), 260, 270 (broncho-pneumonia, no *P.M.*), 281, 291 (impetigo contagiosa), 300, 305, 316 (bronchitis).

2. DUODENAL ULCER.

S. 108, 147, 236 (pulmonary tuberculosis), 237 (pulmonary tuberculosis), 270 (see E. K. M. 209 and 406), 272, 382.

P. 63 (hæmatemesis), 74 (hæmatemesis), 118, 171, 186 (hæmatemesis), 254.

B. 13, 31 (pyloric stenosis, * J. T. 19. *P.M.* 25), 66 (pyloric stenosis, * E. K. M. 134), 70 (* E. K. M.), 71 (* E. K. M., no *P.M.*), 87, 88, 91, 102, 104 (pyloric stenosis, * E. K. M. 216), 105 (chronic gastric ulcer, pyloric stenosis, * E. K. M. 217), 111 (* S. U. 5848), 140 (* J. T. 139), 147, 176, 187, 199, 202 (hæmatemesis), 257, 268 (pyloric stenosis, pulmonary tuberculosis, * J. T. 276, no *P.M.*).

E. 92, 160, 205 (hæmatemesis, sciatica), 252, 265 (carcinoma of colon, pulmonary tuberculosis, *P.M.* 219), 274, 277 (hæmatemesis, * G. W. 219), 284 (senile prostate), 329, 368 (hæmatemesis), 388.

L. 79 (chronic gastric ulcer, pyloric stenosis, * S. U. 5875), 133 (thrombo-angiitis obliterans), 147 (pyloric stenosis), 189 (* E. K. M. 442, *P.M.* 300).

M. 20, 22, 39.

3. JEJUNAL ULCER.

B. 86.

E. 85.

4. MELÆNA NEONATORUM.

C. 116.

5. INTUSSUSCEPTION.

P. 146 (* S. U. 5924, no *P.M.*).

M. 41 (carcinoma of colon, * G. W. 185).

6. METEORISM.

B. 205 (tuberculous peritonitis, cirrhosis of liver).

7. PERFORATION.

B. 269 (pulmonary tuberculosis, tuberculous enteritis, empyema *P.M.* 298).

8. TUBERCULOSIS.

P. 195 (pulmonary tuberculosis, generalized miliary tuberculosis, *P.M.* 224).

B. 172 (pulmonary tuberculosis, tuberculous meningitis, *P.M.* 202), 269 (pulmonary tuberculosis, perforation, empyema, *P.M.* 298).

9. MALIGNANT DISEASE.

E. 221, 253 (carcinoma of lung, broncho-pneumonia, * G. W. 201, *P.M.* 183).

VI. DISEASES OF THE LARGE INTESTINE.

1. APPENDICITIS.

(a) *Acute.*

P. 41 (* G. W. 31), 67 (* S. U. 5580).

B. 185 (* G. W. 237, malignant ovarian cyst).

C. 19 (general peritonitis, see S. U. 5564, *P.M.* 23), 22 (general peritonitis, * S. U. 5565, no *P.M.*).

(b) *Chronic.*

S. 102.

P. 188 (pulmonary tuberculosis, * G. W., see P. 265).

B. 68 (* E. K. M. 153), 138 (* G. W. 166), 183 (exophthalmic goitre).

(c) *Abscess.*

S. 90.

E. 17 (* S. U. 5588), 178 (* W. T. 89).

L. 150 (* J. T. 204).

2. COLITIS.

(a) *Acute simple.*

C. 225, 276.

(b) *Ulcerative.*

S. 201 (thrombosis of aorta, Coroner's *P.M.*), 231 (* G. W. 265), 345 (* G. W. 347).

P. 150 (no *P.M.*), 210.

B. 181, 226 (see B. 275), 275 (see B. 226), 285.

E. 227, 300 (peritonitis, *P.M.* 245).

M. 62.

3. MUCO-MEMBRANOUS COLITIS.

S. 18, 41, 42, 121.

P. 75, 102 (otitis media), 185.

E. 239, 331.

L. 141 (see L. 192), 192 (hæmorrhoids, see L. 141).

4. DILATATION.

(a) *Megacolon.*

E. 381 (pleurisy).

L. 68.

(b) *Hirschsprung's disease.*

C. 228.

5. DIVERTICULA.

(a) *Diverticulosis.*

S. 384.

E. 339 (carcinoma of colon, broncho-pneumonia, *P.M.* 276).

(b) *Diverticulitis.*

S. 156, 347 (peritoneal abscess, cystitis, pyelitis, *P.M.* 283).

6. ACUTE OBSTRUCTION.

G. 13 (senile pruritus, cerebral thrombosis, * J. T., *P.M.* 134).

7. DIARRHŒA.

B. 89.

C. 159 (stomatitis).

8. CONSTIPATION.

- S. 106 (bronchitis), 168, 296.
- P. 168, 172, 183, 196, 219, 256.
- B. 4, 178 (see G. W. 267), 198 (hæmorrhoids), 203, 252.
- E. 38, 116, 174 (coli bacilluria), 192, 308, 315 (thoracic aneurysm).
- L. 94.
- W. 75.
- C. 142 (see C. 244), 174 (bronchitis), 177 (cerebral diplegia), 244 (varicella, see C. 142), 245, 285 (see C. 14).
- M. 11 (gastric neurosis), 13.

9. MALIGNANT DISEASE.

- S. 78 (* G. W. 86), 207 (* Mr. Clifford White).
- P. 148 (* G. W. 308, *P.M.* 246).
- B. 196 (* E. K. M. 376, no *P.M.*), 250.
- E. 180 (* G. W. 197), 265 (duodenal ulcer, pulmonary tuberculosis, *P.M.* 219), 339 (diverticulosis, broncho-pneumonia, *P.M.* 276).
- M. 41 (intussusception, * G. W. 185).

VII. DISEASES OF THE RECTUM.

1. PROCTITIS.

- P. 226.

2. HÆMORRHOIDS.

- S. 346 (secondary anæmia, see E. 346 and P. 347).
- P. 97 (chronic gastric ulcer, * G. W. 106).
- B. 82 (secondary anæmia), 198 (constipation).
- E. 346 (secondary anæmia, * G. W. 357, see S. 346 and E. 347).
- 347 (secondary anæmia, see S. 346 and E. 346).
- L. 192 (muco-membranous colitis, see L. 141).
- M. 28, 42.

VIII. DISEASES OF THE LIVER.

1. CIRRHOSIS.

- S. 172 (pyuria, see S. 239), 280.
- P. 101.
- B. 205 (tuberculous peritonitis, meteorism), 213, 284.
- E. 340 (* J. T. 249, *P.M.* 279).
- L. 32 (influenzal pneumonia, *P.M.* 74), 64 (auricular fibrillation), 113 (syphilis, *P.M.* 199).
- M. 2, 40.

2. NECROSIS.

- E. 12 (*P.M.* 4), 64 (*P.M.* 77).

3. ENLARGEMENT (of uncertain origin).

- B. 135 (enlarged spleen of uncertain origin).

4. JAUNDICE.

(a) *Catarrhal*.

- P. 99 (diabetes mellitus).
- C. 4, 226, 314 (pertussis).

(b) *Toxic*.

- G. 102 (exfoliative dermatitis, syphilis, gonorrhœa).

(c) *Obstructive*.

- S. 275.
- B. 227 (cholelithiasis).
- E. 142 (lymphadenoma, *P.M.* 149).

5. PYLEPHLEBITIS.

P. 211 (mitral stenosis, auricular fibrillation, splenic infarction, * J. T. 201, *P.M.* 236).

6. PORTAL OBSTRUCTION AND THROMBOSIS.

P. 147 (chronic arsenical poisoning, * G. W. 180, *P.M.* 171), 244 (chronic nephritis, *P.M.* 285).

7. MALIGNANT DISEASE.

S. 79 (* G. W. 221).

B. 142 (* J. T. 143).

IX. DISEASES OF THE GALL-BLADDER AND BILE DUCTS.

1. CHOLECYSTITIS.

S. 103, 184, 214, 388.

P. 19 (typhoid carrier, * G. W., see P. 152), 114, 115.

B. 136, 160.

E. 73, 99, 140, 153, 187, 223.

M. 52.

2. CHOLELITHIASIS.

S. 171 (auricular fibrillation), 332, 353 (hyperpiesia, syphilis).

P. 92 (* G. W. 148), 235, 236, 245 (* G. W. 350).

B. 83, 116, 122, 180 (G. W. 269), 227 (obstructive jaundice).

E. 144 (diabetes mellitus, cerebral arteriosclerosis, renal calculus, *P.M.* 153), 246.

L. 47 (* G. W. 155), 69 (suppurative cholangitis, *P.M.* 158).

W. 18.

M. 21 (cholangitis, *P.M.* 113), 47, 78.

3. CHOLANGITIS.

L. 69 (cholelithiasis, *P.M.* 158).

M. 21 (cholelithiasis, *P.M.* 113).

4. MALIGNANT DISEASE.

P. 94 (* G. W. 103).

B. 95 (*P.M.* 115).

X. DISEASES OF THE PANCREAS.

1. CHRONIC PANCREATITIS.

P. 23.

B. 174 (pyloric stenosis, * S. U. 6019).

2. MALIGNANT DISEASE.

P. 121.

B. 61 (see G. W. 119).

XI. DISEASES OF THE PERITONEUM.

1. PERITONITIS.

(a) *Suppurative.*

E. 263 (lympho-sarcoma of abdominal glands, * J. T. 188, *P.M.* 217), 300 (ulcerative colitis, *P.M.* 245).

C. 19 (acute appendicitis, see S. U. 5564, *P.M.* 23), 22 (acute appendicitis, * S. U. 5565, no *P.M.*), 237 (chronic nephritis).

(b) *Tuberculous.*

P. 48 (tabes dorsalis).

B. 205 (cirrhosis of liver, meteorism).

2. ABSCESS.

(a) *Localized.*S. 347 (diverticulitis, pyelitis, cystitis, *P.M.* 283).E. 251 (* *G. W.* 233).(b) *Subphrenic.*

M. 9.

3. MALIGNANT DISEASE.

P. 156 (malignant ovarian cyst, * *Mr. Clifford White*).B. 92 (* *G. W.* 133), 110 (carcinoma of stomach, *P.M.* 159).E. 113 (see E. 114), 114 (see E. 113, *P.M.* 138), 355.

L. 40 (malignant ovarian cyst).

XII. MISCELLANEOUS CONDITIONS.

1. HERNIÆ.

(a) *Inguinal.*

C. 38.

(b) *Diaphragmatic.*

S. 117 (bronchitis, see S. 211), 211 (diabetes mellitus, see S. 117).

(c) *Ventral.*

S. 213 (tuberculous adenitis, asthma).

2. PARASITES.

(a) *Cysticerci.*

S. 208 (pyloric stenosis, see S. 314).

(b) *Ascaris.*

S. 164.

(c) *Oxyuris.*

E. 328.

(d) *Tænia.*

S. 257.

3. ABDOMINAL PAIN (of uncertain origin).

S. 310, 318 (* *E. K. M.* 420), 377.

P. 4, 48, 209.

B. 50 (uterine fibroids), 103, 117, 273.

E. 348 (pruritus, see *G.* 127), 364 (syphilis).

L. 77, 138.

M. 49.

TABLE IX.—DISEASES OF THE ORGANS OF GENERATION.

I. MALE.

1. PENIS.

(a) *Acute balanitis.**G.* 87 (syphilis).(b) *Soft sore.**G.* 149.

2. URETHRA.

(a) *Stricture.**E.* 13 (mitral stenosis, aortic regurgitation, hæmatemesis, see *S. U.* 5568).(b) *Periurethral abscess.**G.* 5 (gonorrhœa, incised).

3. PROSTATE.

(a) *Chronic gonococcal prostatitis.*

E. 278 (gonococcal arthritis, iritis).

(b) *Senile enlargement.*P. 227 (broncho-pneumonia, no *P.M.*).

E. 284 (duodenal ulcer).

(c) *Adenoma.*E. 299 (myelomatosis of bone, chronic gastric ulcer, *P.M.* 247).

4. TESTIS, ETC.

(a) *Gonococcal epididymitis.*

G. 94, 96, 142.

(b) *Hydrocœle.*

C. 32 (enlarged spleen of uncertain origin).

II. FEMALE.

1. OVARY.

(a) *Cyst.*

P. 143 (* Mr. Clifford White).

L. 145 (aortic regurgitation, angina pectoris, see L. 161, * J. T. 183), 161 (dilated aorta, aortic regurgitation, angina pectoris, see L. 145, *P.M.* 257).(b) *Fibroma.*

B. 44.

(c) *Malignant disease.*

P. 156 (malignant peritonitis, * Mr. Clifford White).

B. 185 (acute appendicitis, * G. W. 237).

E. 26 (* Mr. Clifford White).

L. 40 (malignant peritonitis).

2. FALLOPIAN TUBES.

(a) *Tuberculosis.*S. 126 (generalized miliary tuberculosis, *P.M.* 116).E. 102 (generalized miliary tuberculosis, tuberculous meningitis, *P.M.* 126).

3. UTERUS.

(a) *Subinvolution.*

B. 129 (aortic stenosis, secondary anæmia).

E. 31 (mitral stenosis, bronchitis).

(b) *Fibromyoma.*

P. 251 (* Professor Browne).

B. 50 (abdominal pain of uncertain origin)

E. 179 (acute mania).

(c) *Carcinoma of Body.*S. 364 (syphilitic aortitis, chronic nephritis, *P.M.* 303), 365 (* Mr. Leslie Williams, *P.M.* 1).

4. MENORRHAGIA (functional).

S. 23 (secondary anæmia).

5. VULVITIS.

P. 205 (diabetes mellitus, osteo-arthritis).

6. PELVIC PERITONITIS.

- G. 9 (gonorrhœa, arthritis of knee, aspirated).
M. 50.

7. FIBRO-ADENOMA OF BREAST.

- M. 56 (gastric neurosis).

TABLE X.—DISEASES OF THE URINARY SYSTEM.

I. DISEASES OF THE KIDNEY.

1. NEPHRITIS.

(a) *Acute.*

- P. 140, 154 (subacute bacterial endocarditis, *P.M.* 182).
B. 62, 153 (acute pharyngitis), 214.
E. 30, 224 (* *R. E. H.*), 296.
C. 8 (mumps), 12 (bronchitis), 46, 69 (nasal diphtheria), 78, 109, 110, 134, 212 (broncho-pneumonia, empyema, **S. U.* 5931), 307 (broncho-pneumonia, see *C.* 308), 317, 328 (congenital syphilis, syphilitic periostitis).

(b) *Subacute.*

- S. 221 (traumatic cataract), 348 (renal calculus, see *S.* 349), 349 (renal calculus, see *S.* 348, *P.M.* 291).
P. 198.
B. 1 (*P.M.* 5).
E. 62 (*P.M.* 66), 71, 234.
M. 14, 84 (*P.M.* 293).

(c) *Chronic Azotæmic.*

- S. 9, 110 (arthritis, subcutaneous abscess, phlebitis), 167, 240 (pericarditis, anuria, *P.M.* 238), 364 (carcinoma of uterus, syphilitic aortitis, *P.M.* 303).
P. 129 (coronary thrombosis, *P.M.* 161), 233 (myocardial degeneration, hyperpiesia), 244 (portal obstruction, *P.M.* 285), 257 (mitral stenosis).
B. 124, 139 (no *P.M.*), 217, 262 (aortic regurgitation).
E. 57, 70 (see *E.* 168), 82 (myocardial degeneration), 109, 111 (subarachnoid hæmorrhage, *P.M.* 129), 159 (hyperpiesia), 166, 168 (see *E.* 70, *P.M.* 163), 231 (pericarditis, no *P.M.*), 261, 269 (*P.M.* 211), 369 (tonsillitis), 377 (gout, syphilis).
L. 13 (pericarditis, *P.M.* 41), 22 lobar pneumonia, empyema, *P.M.* 57), 45 (*P.M.* 104), 118 (mitral stenosis), 179 (myocardial degeneration, see *L.* 59, no *P.M.*)
M. 33, 60 (lobar pneumonia, no *P.M.*), 81.

(d) *Chronic Hydræmic.*

- L. 125 (no *P.M.*).
C. 237 (acute peritonitis).

2. AMYLOID DEGENERATION.

- E. 6 (cerebral hæmorrhage).

3. PYELITIS.

- S. 347 (diverticulitis, peritoneal abscess, cystitis, *P.M.* 283), 359.
- B. 206, 245 (see *S. U.* 6153).
- E. 282, 350, 375.
- L. 114 (renal calculus, phlebitis).
- C. 88 (acute poliomyelitis), 176, 194.
- M. 29.

4. PYELONEPHRITIS.

- W. 79 (spinal meningitis, *P.M.* 259).
- C. 298 (pulmonary embolism, *P.M.* 275).

5. HYDRONEPHROSIS.

- S. 45.
- E. 373.

6. PYONEPHROSIS.

- S. 91 (renal calculus, syphilis), 300 (renal calculus, * *S. U.* 6161), 363 (renal calculus, chronic gastric ulcer, * *G. W.* 386), 366.
- L. 187.
- G. 91 (syphilis, gumma of skin).

7. PERINEPHRIC ABSCESS.

- M. 51.

8. TUBERCULOSIS.

- B. 177 (pulmonary tuberculosis, *P.M.* 203), 211 (pulmonary tuberculosis, see *L.* 146).
- W. 27 (tuberculosis of spine, see *G. W.* 245).

9. CALCULUS.

- S. 91 (pyonephrosis, syphilis), 300 (pyonephrosis, * *S. U.* 6161), 327, 348 (subacute nephritis, see *S.* 349), 349 (subacute nephritis, see *S.* 348, *P.M.* 291), 363 pyonephrosis, chronic gastric ulcer, * *G. W.* 386).
- B. 168, 263.
- E. 144 (diabetes mellitus, cholelithiasis, cerebral arteriosclerosis, *P.M.* 153), 233, 275 (scabies).
- L. 51 (polycystic kidney), 78 (coli bacilluria, * *S. U.* 5868), 114 (pyelitis, phlebitis).

10. POLYCYSTIC KIDNEY.

- E. 14, 158, 201.
- L. 24 (cerebral hæmorrhage, Coroner's *P.M.*), 51 (renal calculus).

11. MALIGNANT DISEASE.

- S. 323 (secondary deposits in spine).
- E. 65 (broncho-pneumonia, *P.M.* 81), 280 (secondary deposits in sacrum).
- W. 48 (secondary deposits in brain, secondary deposits in lung, broncho-pneumonia, *P.M.* 185).
- C. 85 (broncho-pneumonia, * *G. W.* 36, *P.M.* 79).

II. DISEASES OF THE URETER.

1. COLIC.

- P. 8 (pyuria, oxaluria).

2. CALCULUS.

- P. 221 (* *S. U.*).

III. DISEASES OF THE BLADDER.

1. CYSTITIS.

- S. 347 (diverticulitis, pyelitis, peritoneal abscess, *P.M.* 283).
 E. 36, 157.
 W. 87 (syphilis, meningitis).
 C. 164.

2. CALCULUS.

- S. 14.
 C. 296 (nocturnal enuresis, * *S. U.* 6179).

3. SACCULATION.

- E. 194.

4. TUMOURS.

(a) *Papilloma.*

- E. 379 (* *E. K. M.* 473).
 M. 71.

(b) *Carcinoma.*

- E. 133 (bronchitis, emphysema).

IV. URINARY DISORDERS.

1. ALBUMINURIA.

- S. 28 (hyperpiesia, retinitis), 124 (aortic regurgitation, angina pectoris, see *L.* 21 and *L.* 95), 195, 283 (herpes zoster), 316 (coli bacilluria, see *S.* 373), 325 (hyperpiesia).
 E. 349, 359 (diabetes mellitus).
 L. 95 (aortic regurgitation, angina pectoris, hyperpiesia, see *L.* 21 and *S.* 124).
 M. 48.

2. ANURIA.

- S. 240 (chronic nephritis, pericarditis, *P.M.* 238).

3. COLI BACILLURIA.

- S. 38, 51, 154 (hæmoptysis), 316 (albuminuria, see *S.* 373), 320, 371.
 E. 174 (constipation), 257, 363.
 L. 78 (renal calculus, * *S. U.* 5868).
 C. 136, 163.

4. ENURESIS.

- C. 185, 264, 296 (vesical calculus, * *S. U.* 6179).

5. GLYCOSURIA.

- S. 16 (obesity), 20 (rheumatoid arthritis), 148 (exophthalmic goitre, auricular fibrillation), 252 (osteo-arthritis).
 B. 243 (acute gastric ulcer).
 C. 141 (see *C.* 299), 299 (see *C.* 141).

6. HÆMATURIA (of uncertain origin).

- P. 225.

7. OXALURIA.

- P. 8 (renal colic, pyuria).

8. PYURIA.

- S. 172 (cirrhosis of the liver, see *S.* 239, 253 (diabetes mellitus), 373 (see *S.* 316).
 P. 8 (renal colic, oxaluria).
 E. 351 (hyperpiesia), 365 (hyperpiesia, vitreous hæmorrhage).
 C. 288.

TABLE XI.—DISEASES OF THE ORGANS OF LOCOMOTION.

I. DISEASES OF THE BONES.

1. OSTEOMYELITIS.

C. 188 (*S. U. 5881), 219 (* E. K. M. 331, no *P.M.*).

2. TUBERCULOSIS.

S. 63 (bronchitis, *P.M.* 63), 199 (pulmonary tuberculosis, pleural effusion).

P. 192 (pulmonary tuberculosis).

W. 27 (tuberculous kidney, see G. W. 245), 66.

3. SYPHILIS.

P. 190.

G. 80 (E. K. M. 369, see B. 23).

C. 328 (congenital syphilis, acute nephritis).

4. PULMONARY HYPERTROPHIC OSTEO-ARTHROPATHY.

S. 276 (bronchiectasis, acromegaly, see S. 111).

5. OSTEITIS DEFORMANS.

B. 29 (diabetes mellitus, exophthalmic goitre, see L. 139).

L. 139 (diabetes mellitus, auricular fibrillation, see B. 29).

6. MALIGNANT DISEASE.

S. 323 (hypernephroma of kidney).

E. 171 (secondary deposits in lung), 280 (hypernephroma of kidney).

E. 299 (chronic gastric ulcer, adenoma of prostate, *P.M.* 247).

W. 89.

7. DEFORMITIES.

S. 150 (melancholia), 234, 395.

B. 23 (old tuberculous knee, see G. 80).

C. 249 (mental deficiency).

8. INJURIES.

P. 5.

G. 69 (dermatitis artefacta).

W. 91 (bronchitis).

II. DISEASES OF THE JOINTS.

1. ARTHRITIS.

(a) *Acute.*

P. 51.

B. 81.

E. 32, 101 (coronary thrombosis, *P.M.* 117), 173 (lobar pneumonia, *P.M.* 164), 202 (subacute bacterial endocarditis).

(b) *Diffuse.*

S. 110 (chronic nephritis, subcutaneous abscess, phlebitis).

P. 81.

W. 63.

ARTHRITIS—(continued).

(c) *Gonococcal.*

- S. 281.
- P. 238 (acute gonorrhœa).
- E. 278 (iritis, chronic prostatitis).
- G. 3 (acute gonorrhœa), 9 (acute gonorrhœa, pelvic peritonitis, knee aspirated), 41, 50, 66, 85, 122.

(d) *Tuberculous.*

- B. 23 (scoliosis, see G. 80), 26 (pulmonary tuberculosis).
- E. 200.

2. RHEUMATOID ARTHRITIS.

- S. 20 (glycosuria), 47 (hyperpiesia), 49 (diabetes mellitus).
- P. 6, 98, 103, 113, 116, 194, 228 (mitral stenosis), 237, 239, 267.
- B. 40, 144, 200, 204, 233, 254.
- E. 27, 39, 81, 208, 242, 247, 301, 304, 391.
- L. 171.
- M. 24, 74.

3. OSTEO-ARTHRITIS.

- S. 8 (hyperpiesia), 41, 97, 252 (glycosuria), 271, 307.
- P. 58, 205 (diabetes mellitus, vulvitis).
- B. 5.
- E. 20, 80, 84, 105, 207, 302.
- W. 29, 73 (amyotrophic lateral sclerosis, chronic bulbar palsy).
- M. 55.

4. CHARCOT'S JOINTS.

- S. 71 (tabes dorsalis).

III. DISEASES OF THE MUSCLES AND FASCIAE.

1. FIBROSITIS.

- P. 240.
- B. 65, 219.
- E. 270.
- W. 17.

2. MYASTHENIA GRAVIS.

- P. 230 (see P. 231), 231 (carcinoma of thymus, see P. 230, no *P.M.*).
- L. 44 (*P.M.* 97).

TABLE XII.—DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUES.

I. DISEASES OF THE SKIN.

1. DERMATITIS.

(a) *Eczema.*

- G. 8, 12, 23, 37, 63, 67 (senile pruritus), 74, 86, 88, 112 (lichen simplex chronicus), 121, 123 (toxic erythema, see S. 268).

(b) *Septic and infective.*

- E. 77 (hyperpiesia, myocardial degeneration).
- G. 4, 16, 17, 27, 29, 43, 52, 79, 81 (toxic erythema), 95, 104 (sycosis barbæ), 109, 110 (toxic erythema), 111, 124, 137, 140, 147, 151 (vulvitis).
- C. 131.

DERMATITIS—(continued).

(c) *Varicose (including ulcers).*

P. 49.

G. 15, 22, 61, 99.

(d) *Occupational and cutaneous irritants.*

G. 89, 128, 129, 135, 143, 148.

(e) *Exfoliative.*

G. 102 (syphilis, gonorrhœa, toxic jaundice), 106, 115.

(f) *Artefacta.*

G. 2, 10, 38 (lichen simplex chronicus), 69 (dislocated ankle), 84, 113.

(g) *Herpetiformis.*

B. 242 (pernicious anæmia).

G. 116.

2. ERYTHEMA.

(a) *Simple and toxic.*

S. 268 (lobar pneumonia, see G. 123),

L. 11 (mitral stenosis, auricular fibrillation).

G. 36 (bronchitis), 81 (infective dermatitis), 93, 110 septic dermatitis), 123 (eczema, see S. 268).

(b) *Nodosum.*

B. 279.

L. 16.

G. 47, 54, 136.

3. LUPUS ERYTHEMATOSUS.

G. 56, 119 (broncho-pneumonia, no P.M.).

4. URTICARIA.

(a) *Simple.*

G. 14, 18, 21, 68, 90, 118, 125, 134.

(b) *Papular.*

G. 58, 105, 139.

5. PRURIGO.

G. 6, 48, 55, 64, 101, 127 (see E. 348), 130, 138, 152.

6. PRURITUS.

E. 348 (abdominal pain of uncertain origin, see G. 127).

G. 13 (acute intestinal obstruction, cerebral thrombosis, * J. T. P.M. 134), 67 (eczema), 76, 92 (lichen planus), 141, 150.

7. IMPETIGO CONTAGIOSA.

G. 28.

C. 291 (gastro-enteritis).

8. HERPES ZOSTER.

S. 283 (albuminuria).

L. 26 (aortic stenosis, iliac thrombosis).

9. ERYSIPELAS.

S. 228 (thrombo-angiitis obliterans, diabetes mellitus).

B. 28 (diabetes mellitus, see B. 265).

G. 33.

10. PSORIASIS.

G. 7, 31, 32, 45, 65, 75, 77, 78, 82, 117, 126, 145, 154.

11. LICHEN PLANUS.
G. 40, 92 (pruritus), 114.
12. LICHEN SIMPLEX CHRONICUS.
G. 38 (dermatitis artefacta), 44, 107, 112 (eczema).
13. ICHTHYOSIS.
G. 59 (warts).
14. SCLERODERMIA.
S. 132 (pleural effusion, no P.M.)
G. 19 (no P.M.)
15. TUBERCULOSIS.
(a) *Lupus Vulgaris*.
S. 256 (mitral stenosis).
G. 35, 42, 73 (epithelioma of skin, P.M. 173), 108, 131, 144.
(b) *Other Forms*.
S. 87 (simple consumption, see G. 26).
G. 26 (see S. 87), 83.
16. SYPHILIS.
G. 91 (bilateral pyonephrosis, syphilis), 133.
17. HYPERTROPHIC CONDITIONS.
(a) *Warts*.
G. 59 (ichthyosis), 70 (gonorrhœa).
(b) *Corns*.
G. 25, 30.
(c) *Xanthoma*.
G. 51.
18. PARASITIC DISEASES.
(a) *Tinea*.
G. 57 (recurrent lymphangitis), 60.
(b) *Scabies*.
B. 209 (bronchitis, cellulitis of leg).
E. 275 (renal calculus).
G. 53.
19. TUMOURS.
(a) *Pigmented nevus*.
G. 97, 120.
(b) *Lymphosarcoma*.
E. 67 (no P.M.).
(c) *Epithelioma*.
G. 34, 73 (lupus vulgaris, P.M. 173).
(d) *Rodent ulcer*.
G. 20, 72, 98 (multiple).

II. DISEASES OF THE HAIR AND FOLLICLES.

1. FURUNCULOSIS.
S. 58 (influenzal pneumonia, incision).
G. 132.
2. CARBUNCLE.
E. 229 (diabetes mellitus, * G. W. 193).
L. 10 (pulmonary abscess, pyæmia, P.M. 21).

3. SYCOSIS BARBÆ.

G. 104 (infective dermatitis).

III. DISEASES OF THE SUBCUTANEOUS TISSUES.

1. CELLULITIS.

S. 202 (mixed-celled leukæmia, *P.M.* 179).P. 159 (bronchiectasis, broncho-pneumonia, * *G. W.* 268, no *P.M.*).B. 18 (septicæmia, *P.M.* 32), 209 (bronchitis, scabies).

E. 63 (diabetes mellitus).

2. ABSCESS.

S. 110 (arthritis, chronic nephritis, phlebitis).

3. ŒDEMA (of uncertain origin).

P. 229.

4. FOREIGN BODY.

B. 228 (diabetes mellitus).

TABLE XIII.—POISONS, &c.

I. POISONS.

1. ALCOHOL.

P. 203 (peripheral neuritis).

2. ARSENIC.

P. 147 (portal thrombosis, * *G. W.* 180, *P.M.* 171).

3. COAL GAS.

S. 99.

E. 267.

L. 129.

4. CARBON BISULPHIDE.

W. 82, 83, 84.

5. LEAD.

S. 385.

6. MORPHINISM.

P. 242.

7. LYSOL.

S. 85 (Coroner's *P.M.*).

L. 88.

8. VERONAL.

S. 27 (Coroner's *P.M.*), 91.

II. MISCELLANEOUS CONDITIONS.

1. ANAPHYLAXIS.

S. 44 (chronic gastric ulcer).

2. SYNCOPE.

S. 122.

3. NO DISEASE FOUND.

S. 330.

E. 276.

C. 76, 124, 129, 135.

OBSTETRIC REGISTRAR'S REPORT FOR 1929.

REPORT.

THE report is arranged in accordance with the suggestions of the Committee of the Obstetric Section of the Royal Society of Medicine. Further details of gynæcological cases in which radium was used are found in the Harker Smith Registrar's Report.

NORMAN WHITE.

ABBREVIATIONS—

Emergency cases are indicated by an E preceding the number.

Cases delivered in the district are indicated by an L preceding the number.

B.B.A. = born before arrival.

N.L. = normal labour.

Ind. = induction of labour.

Ab. = abortion.

P.N.F. = promontary not felt on pelvic examination.

V. = vertex presentation.

S. = breech presentation.

In reference to fœtuses: L = living, S.B. = stillborn, M = macerated. D = neonatal death.

The term "morbid" means that the patient has reached the morbidity standard defined on p. 164.

PART I.

OBSTETRIC REPORT.

During the year 1,882 patients were attended by the hospital; 792 were delivered in their own homes, and of these 12 were admitted to hospital after delivery.

ADMISSIONS, 1,102.

	Booked	Emergency	Total
Delivered in hospital	876	52	928
Died undelivered	0	0	0
Antenatal admission only	49	28	77
Admitted after delivery	13	8	21
Abortion and abdominal hysterotomy ..	17	52	69
Admitted for investigation (not pregnant)	0	7	7
	955	147	1,102

ANTENATAL ADMISSION.

Total admissions 305, booked 251, emergency 54. Delivered later in hospital 228, booked 202, emergency 26. Antenatal admission only 77, booked 49, emergency 28.

The figures include all booked patients for induction of labour and Cæsarean section, all cases of albuminuria and a majority of the cases of heart disease. It has not been thought necessary to give exact figures because a number of patients were admitted for examination for disproportion between head and pelvis, and labour was not induced; and others included in the above figures were admitted because they were thought to be in labour, and were discharged, and re-admitted at a later date.

ADMISSION AFTER DELIVERY.

Number of Admissions, 21 (re-admission after delivery in hospital in 1929, 3).

12 Admitted from District.

- 4 Intra-uterine infection (morbid), 647, 997, 1053, 1066.
- 1 " " (not morbid), 1102.
- 1 Pyelitis, *Bacillus coli* septicæmia (morbid), 803.
- 1 Complete perineal tear (morbid), 463.
- 2 Large second degree tear, 899, 1068.
- 1 Influenzal pneumonia (morbid), 115.
- 1 Mother and premature twins admitted (difficulty in feeding babies), 1045.
- 1 Morbid, cause doubtful, intra-uterine culture and urine were sterile, 508.

1 Delivered in hospital, 1928, re-admitted 1929.

- 1 Breast abscess 78.

8 Emergency Admissions (1 death).

- 1 General peritonitis and pneumococcal septicæmia, 144, died.
- 1 Repair of large second degree tear, 243.
- 2 Retained placenta (expressed by Credé's method) 92, 1054.
- 1 Cystitis, 73.
- 1 Post-partum eclampsia, 452.
- 1 Shock with deep bilateral tear of cervix due to forceps delivery, 444
- 1 Pelvic abscess following septic abortion, 352.

3 *Re-admission after delivery in hospital in 1929, and Discharge.*

- 1 Discharged on 16th day, re-admitted on 26th day, with temperature 104°, due to salpingitis, hæmolytic streptococcus found in uterus, treatment by intra-uterine glycerine, good recovery, 138.
- 1 Re-admitted in 3rd and 4th weeks for pyelitis (not morbid); also had quiescent pulmonary tuberculosis (see page 139, 283).
- 1 Re-admitted on 15th day with tonsillitis and mild uterine infection (morbid), 966.

NOT PREGNANT, ADMITTED FOR INVESTIGATION.

Seven patients were admitted for investigation of renal function, because of repeated abortions, or because albuminuria was known to have occurred in a previous pregnancy. All were "Emergency" admissions, 278, 298, 616, 829, 919, 1094, 1096, admitted at the request of a doctor.

COMPLICATIONS AND INTERCURRENT DISEASES.

	Booked	Emergency	Total	
Placenta prævia	8	6	14	
Accidental hæmorrhage ..	15	1	16	
Post-partum hæmorrhage ..	10	0	10	There was no case of serious hæmorrhage, except those mentioned under manual removal of placenta and maternal deaths
Toxic albuminuria	56	9	65	
Chronic nephritis	2	3	5	
Eclampsia	3	2	5	
Nephrolithiasis	1	0	1	See Maternal deaths
Pyelitis	41	11	52	
Cystitis	0	1	1	
Hyperemesis (neurotic type)	5	6	11	5 (1 B., 4 E.) antenatal only, 6 delivered in hospital. All responded well to treatment
Hydatidiform mole	1	1	2	
Hydramnios	12	2	14	
Retroverted gravid uterus ..	1	3	4	
Fibroids	10	4	14	
Ovarian cyst	3	1	4	
Complete tear	8	0	8	2 N.L., 5 forceps delivery, 1 breech delivery (all primiparæ). Healing: 4 good, 3 fair, 1 rectal fistula
Prolapse of uterus	3	1	4	Emergency case antenatal only; 3 N.L. at term
Bartholin cyst	1	1	2	Booked case: No interference, cyst burst in puerperium. Emergency case: Excised at 26 weeks, good result
Heart disease	23	9	32	
Pulmonary tuberculosis ..	6	1	7	
Syphilis	41	0	41	
Gonorrhœa	8	0	8	

COMPLICATIONS AND INTERCURRENT DISEASES (*continued*).

Disease	Case No.	Age	Para.	Ma-tu-rity	Remarks	Result	
						M.	C.
Bicornuate uterus	44	36	2	40	Spontaneous labour, diagnosis made at pr. labour (Cæsarean)	L.	L.
? Ruptured uterus	E444	32	0	40	Post-partum admission for shock following forceps delivery. Deep bi-lateral tears of cervix probably extending to lower segment of uterus. Morbid (uterine infection)	L.	L.
Insanity of pregnancy	884	30	1	40	Became uncontrollable, transferred to infirmary	L.	—
Puerperal insanity	502	22	0	40	Onset on 6th day, transferred to infirmary on 7th day	L.	L.
" "	969	26	0	?37	Eclampsia. Twin pregnancy. Sent home after 5 weeks	L.	{ M. D.
Influenzal pneumonia	115	35	7	35	B.B.A. on district. Onset on 5th day, admitted on 7th. Temp. fell on 12th day. Morbid. Good recovery.	L.	L.
Lobar pneumonia	131	21	1	37	Labour pains began 2 hours after admission. Spontaneous delivery after 4½ hours. Temp. fell on 7th day. Morbid. Good recovery. Child 19½ in., 6½ lb.	L.	L.
Diabetes *.. ..	E1031	24	1	40	Spt. labour and delivery. Maceration, several days' duration	L.	M.
Chorea	951	19	0	35	Onset at 27th week (admitted). Spontaneous premature labour	L.	L.
Hyperpiesis ..	765	39	8	40	Maximum B.P., 180/118. Cardiac hypertrophy. No renal failure (occasional faint trace of albumen in urine). Drug induction	L.	L.
Post-encephalitis..	368	28	0	40	Forceps delivery for delayed 2nd stage	L.	L.
Malaria	380	37	1	22	Temp. 104·4°, and shivering. Inevitable abortion (twins)	L.	Ab.
Acute otitis media	837	24	0	40	Normal labour. Otitis media 3rd to 9th days (morbid)	L.	L.

* A second case of mild diabetes was treated only antenatally.

CONTRACTED PELVIS.

- 12 Spontaneous labour and delivery (diagnosis of contracted pelvis made by measurement in antenatal department).
 8 Forceps delivery (diagnosis of contracted pelvis made by measurement in antenatal department, or during delivery). Foetuses, L. 5, Mac. 1, D. 1.
 32 Induction of labour at or before term and spontaneous delivery.
 5 " " " " " " forceps delivery.
 2 " " " " " " podalic version (Nos. 416 and 539).
 (The diagnosis was made by measurement in most cases, but the figures include cases with apparently normal measurements, where induction was necessary for disproportion between the head and the pelvis diagnosed by Munro Kerr's method of bimanual examination.)
 5 Caesarean section.

ANTE-PARTUM HÆMORRHAGE.

A patient is only classified as placenta prævia when there is definite evidence, obtained by examination under anæsthesia and palpation of the edge of the placenta, that the placenta was attached to the lower uterine segment (cases marked *); or when the placenta examined after delivery shows that there was a low placental insertion in the uterus (cases marked †). Other cases are called accidental hæmorrhage, but only a few of these were examined under anæsthesia.

The usual nomenclature of different types of placenta prævia is unsatisfactory, because some authors use the term "marginal" to mean what other authors call "lateral," and *vice versâ*. In this report a placenta which is attached to the lower uterine segment, but does not reach the internal os, is called "first degree of placenta prævia." When the placenta reaches the internal os it is the second degree; and a central placenta prævia, overlapping the internal os, is the third degree.

PLACENTA PREVIA, 14 CASES, 8 BOOKED, 6 EMERGENCY.

No.	Age	Para.	Matu- rity	Condition on admission			Variety	Treatment	Result		Remarks
				Pres.		Pulse			M.	C.	
E51	35	6	36	V.	Good	100	1st degree	*Rupture of membranes, Willett's forceps	L.	L.	B.P. 150/98. Urine boils solid with albumin. Not in labour on admission. Under anaesthesia placenta felt high up posteriorly. Child Morbid (uterine infection). Child lived 10 hours. Sent home for puerperium
E114	27	1	28	S.	Fair	128	"	*Rupture of membranes, leg brought down	L.	D.	
E232	20	0	36	V.	"	138	"	*Rupture of membranes, Willett's forceps	L.	L.	
256	22	1	40	V.	Good	80	"	*Examination under anaesthesia	L.	L.	
317	35	8	31	V.	"	124	"	*Rupture of membranes, Willett's forceps	L.	SB.	
E377	38	1	40	V.	"	85	"	†None (already in labour)	L.	L.	Spt. del. 12 hrs. after examination
396	20	0	40	V.	"	128	"	†None (already in labour)	L.	L.	
505	43	16	40	V.	"	88	"	*Rupture of membranes, Willett's forceps	L.	L.	Trace of albumen in non-catheter specimen of urine. B.P. 123/83
506	42	7	32	S.	"	84	2nd degree	*Rupture of membranes, leg brought down	L.	SB.	
570	28	2	37	V.	"	80	"	*After 25 days in ward free bleeding occurred. Patient then anaesthetized, membranes ruptured, Willett's forceps applied	L.	L.	
E573	31	1	35	S.	"	80	"	*External cephalic version, failure to apply Willett's forceps, bipolar podalic version, leg pulled down	L.	SB.	
E633	47	9	36	V.	Fair	104	"	*Rupture of membranes, Willett's forceps	L.	L.	
643	22	0	30	V.	Good	104	1st degree	†None, in labour on admission, intra-partum bleeding only	L.	D.	Child lived 12 hours
815	26	2	40	V.	"	90	"	†In labour, no treatment for haemorrhage; manual rotation and forceps for occipito-posterior	L.	L.	Wassermann positive

Morbidity in cases of placenta previa: 1 intra-uterine infection (an emergency case), no deaths.

Fœtal mortality in placenta previa: 9 children lived, 3 were stillborn, 2 very premature children died a few hours after birth.

ACCIDENTAL HÆMORRHAGE. 16 CASES, 15 BOOKED, 1 EMERGENCY.

No.	Age	Para.	Matu- rity	Condition on admission			Type	Albumen	Maximu blood- pressure	Treatment	Result		Remarks
				P.es.	Labour	Pulse					M.	C.	
41	43	5	34	V.	15 hrs.	Good	104	1/1,000	200/110	None.	L.	L.	In labour 4 hrs. at first hæmor- rhage
55	33	6	40	S.	No	Fair	86	Trace	108	Morphia and rest. Pituitrin 40 hrs. after admission. Delivery by trac- tion 52 hrs. after admission	L.	M.	In hosp. twice in 1928 for A.P.H. Puerperium morbid (uterine infection)
127	24	2	40	V ₄ .	3 hrs.	Good	116	0.5/1,000	120/78	Anæsthetic, no pla- centa felt, memb. ruptured	L.	L.	Face to pubes delivery spon- taneously
145	36	6	35	V.	No	Good	80	0	110/86	Rest. Discharged after 4 weeks	(L.)	(L.)	N.L. on district at term
192	32	4	40	V.	Yes	Good	108	0	108/84	Anæsthetic, no pla- centa felt, memb. ruptured. Wil- lett's forceps	L.	SB.	Retroplacental clot 470 grm.
222	39	12	37	V.	No	Good	80	0	104/80	Anæsthetic, pla- centa felt high up, not in lower segment	L.	L.	Spt. labour after 3 wks. in ward
446	23	0	40	V.	No	Good	94	Trace	133/78	None, spt. labour	L.	L.	..
470	25	0	40	V.	No	Good	88	1/1,000	144/76	None, spt. labour	L.	L.	..
564	22	0	25	V.	No	Good	94	0	100/58	Sedatives, dis- charged at 30th week	L.	L.	Re-admitted for labour at 37th week
625	20	0	40	V.	No	Good	84	0	110/70	Examination under anæsthesia, no placenta felt in lower segment	L.	L.	N.L. on day after examination

ACCIDENTAL HÆMORRHAGE (continued).

No.	Age	Para.	Maturity	Condition on admission			Type	Albumen	Maximum blood-pressure	Treatment	Result		Remarks.
				Pres.	Labour	Pulse					M.	C.	
672	19	0	39	V.	14 hrs.	Good	External	Nearly solid	140/100	None	L.	L.	..
710	25	0	40	V.	4 hrs.	Good	External	Trace in non-catheter specimen	135/95	Free bleeding from tear of cervix due to very strong pains in 1st stage (dry labour), with ex. 3 fingers dilated. Morphia given. Anaesthetic, no placenta felt (see 'Twins')	L.	L.	Bleeding continued post-partum till cervix was sutured
795	24	0	30	V.S.	No	Good	External	0	110		L.	D.S.B.	Hydranmios. Second twin was anencephalic
979	31	1	32	S.	Yes	Fair	External 8 oz.	?	?	Extraction of breech, rapid delivery, no evidence of prævia	L.	S.B.	Mitral stenosis
E1101	33	1	22	Ab.	Yes.	Poor (uterus size of 28 wks. with concealed hæmorrhage)	Combined	12/1,000	230/150	Spontaneous delivery	D. (1 wk.)	Ab.	Symmetrical necrosis of kidneys
427	20	1	? 30	?	Del.	Good	Retro placental hæmatoma	Trace in non-catheter specimen	140/84	None, foetus B.B.A., placenta after admission	L.	M.	..

Morbidity in cases of accidental hæmorrhage:—1 maternal death (abortion and concealed hæmorrhage), 1 intra-uterine infection.

ALBUMINURIA (INCLUDING PRE-ECLAMPSIA AND CHRONIC NEPHRITIS).

Total number of cases, 70 (58 booked, 12 emergency)		Primiparae	Multiparae	Fœtuses					
				Living		SB.	D.	Ab.	
				At term	Prem.				
<i>Admitted in labour—</i>									
5	Albuminuria, mild degree ..	5	—	3	3	2	—	—	1 twins, 1 triplets
13	„ moderate degree	9	4	8	5	—	—	—	
1	„ recurrent toxæmia	—	1	—	—	1	—	—	
<i>Antenatal admission for Albuminuria; subsequent spontaneous labour in hospital—</i>									
10	Albuminuria, mild degree ..	6	4	8	1	1	—	—	SB. Em- bryotomy
16	„ moderate degree	11	5	12	2	1	—	1	
2	„ recurrent toxæmia	—	2	1	1	—	—	—	
2	„ severe degree ..	2	—	2	—	—	—	—	
<i>Antenatal admission only, for Albuminuria (delivery elsewhere, or in hospital in 1930)—</i>									
1	Albuminuria, moderate degree	—	1	} Not known					
1	„ pre-eclampsia	1	—						
1	Chronic nephritis	1	—						
<i>Antenatal admission and induction—</i>									
4	Albuminuria, severe degree ..	4	—	1	3	—	—	—	
6	„ pre-eclampsia	2	4	1	4	—	1	—	
3	Chronic nephritis	—	3	—	—	—	—	3	
<i>Albuminuria or Chronic Nephritis complicated by—</i>									
4	Accidental hæmorrhage ..	2	2	1	2	—	—	1*	
1	Placenta prævia	—	1	—	1	—	—	—	

* See Maternal death 1101 (Chronic nephritis).

ECLAMPSIA.

No.	Age	Para.	Matu- rity	Condition on admission	Fits			Albumen	
					Before admis- sion	Onset	Total	On admis- sion	On dis- charge
Booked 103	24	0	Wks. 36	Good, semiconscious, not in labour, P. 80, B.P. 110/76, blood in urine	3	Ante- partum	12	Solid	Trace
335	30	0	27	Fair, mentally con- fused, blind	8	Ante- partum	9 + 2	8/1000	Very faint trace
969	26	0	? 37	Admitted (?) in la- bour, twin preg- nancy, oedema of legs 4 wks., B.P. 128/186, trace of al- bumen in urine 7th day: oedema in- creased, slight fron- tal headache, B.P. 166/100, vision slightly blurred, albuminuria a trace. Two fits occurred on 7th day (patient then 24 hrs. in la- bour, cervix $\frac{3}{4}$ di- lated)	0	Intra- partum	2	Trace	Nil
Emergency E432	25	0	40	Good, drowsy, but answers questions	12	1 hour post- partum	12	2/1000	Trace
E872	37	0	40	Good, confused, al- most blind, in la- bour 15 hrs., cervix $\frac{1}{2}$ dilated; first fit occurred in the lift, second on admis- sion to ward	0	Intra- partum	2	14/1000	Nil

Edema	Highest B.P.	Head-ache	Eye signs	Days in hospital before delivery	Labour	Result		Remarks
						M.	C.	
+	163/96	+	0	2	Normal	L.	D.	Pituitrin, 0.2 c.c., given twice in 1st stage. Child lived 20 hrs., died of atelectasis
++	207/132	+	+	25	Normal (bag induction)	L.	L.	On recovery from eclampsia patient refused induction. Two more fits on 6th day after admission (albumen 16/1000). Consented to induction on 21st day.
++	180/100	Slight (few hours before fit)	Flashes of light (4 wks.)	9	Forceps (both)	L.	M. D.	Forceps delivery when cervix dilated Morbid puerperium (pyelitis) Confusional insanity in puerperium
++	212/120	0	0	Delivered	Normal	L.	L.	Treated by sedatives, aperients, and venesection
Slight	210/110	Severe (5-6 days)	Almost blind on admission	3	Forceps	L.	L.	Morbid (3rd and 4th day of puerperium), ? cause

PYELITIS, 52 CASES, 41 BOOKED, 11 EMERGENCY. (1 death, booked case.

21 *Pyelitis during pregnancy only*—

6 antenatal admission only; 2 booked, 4 emergency.

15 antenatal admission and delivery; 12 booked, 3 emergency.

5 *Pyelitis during pregnancy and puerperium*—

4 morbid; 3 booked, 1 emergency.

1 not morbid, booked.

25 *Pyelitis during puerperium only*.

16 morbid; 14 booked, 2 emergency.

7 not morbid; 6 booked, 1 emergency.

1 readmitted with pyelitis, not morbid, booked.

1 postnatal admission only, morbid (*B. coli* septicæmia), booked.

1 *Pyelonephritis*, with impacted calculus in ureter and *Bacillus coli* septicæmia (see maternal deaths), booked.

Diagnosis.—The diagnosis of puerperal cases was made by microscopic examination of the urine in routine investigation of pyrexia. There were no symptoms to suggest pyelitis in most instances, and consequently some cases of cystitis may be included, as it would often be impossible to make a certain diagnosis without catheterization of the ureters, which was not considered justifiable. There were only two cases of special interest, the maternal death of which an account is given on page 165, and the case in which labour was induced. This patient (E 988) was sent in by a general practitioner for pyelitis, which he had been treating for two weeks with alkalies. Treatment with alkalies was continued, but the temperature did not subside, so acid sodium phosphate and hexamine were given. The temperature subsided temporarily, but rose again in a few days. Alkalies were given again without producing any change; the temperature was always 100° to 102·4° F. every evening. After six weeks the temperature finally came down, possibly due to making the patient lie prone and keeping the foot of the bed raised. The patient continued in the same condition for another three weeks, when it was noticed that she had generalized œdema, especially obvious in the face. It was thought that this possibly indicated renal failure, though the blood-pressure remained low. As the patient was now in the 34th week of pregnancy it was decided to induce labour. Bougie induction was done and the second stage terminated with forceps for uterine inertia. The baby weighed 3 lb. 13½ oz. The puerperium was morbid owing to the recurrence of the pyelitis, but *Bacillus coli* and non-hæmolytic streptococci were also found in the uterus. The patient was very anæmic, and a blood transfusion was done. She ultimately made a good recovery and the baby did well.

No.	Age	Para.	Matu- rity	Degree of hydramnios	Treatment	Result		Remarks
						M.	C.	
27	34	2	30	At 29 weeks uterus was size of 35 weeks (two fingers below ensiform). Patient œdematous in legs, and orthopneic	Tapped through abdominal wall 42 oz., very little relief (uterus decreased to 31-32 weeks size). Induced by bougies and rupture of membranes two days later.	L.	D.	Mitral stenosis with failure. See also breech presentation (complicated) Cause of death, prematurity. Weight, 4 lb. 3 oz.
60	25	1	40	Slight, noticed at 35 weeks	Nil. Labour spt.	L.	L.	Albuminuria also. Weight, 7 lb. 2½ oz.
174	40	2 Ab.	40	Slight at 30 weeks, less later	Nil. Labour spt.	L.	L.	Weight, 10 lb. 4 oz.
175	39	5	40	Slight at 24 weeks, less later	Drug ind. at term	L.	L.	Mitral stenosis. Weight, 6 lb. 14 oz.
371	39	6	39	About 5 pints	Bag ind. for contracted pelvis	L.	L.	—
424	21	0	40	Definite, girth 37½ at umbilicus, at 32 weeks. Patient orthopneic	Rest in bed, spontaneous labour (see Twins)	L.	L.	Ante-natal admission for hydramnios
793	34	0	40	Large abdomen for one month before delivery	Nil. Labour spt.	L.	L.	Weight, 10 lb. 9½ oz.
795	24	0	30	Premature spontaneous labour, twin pregnancy, hydramnios of 2nd sac diagnosed after delivery of first fetus	2nd amniotic sac ruptured artificially. Anencephalic fetus delivered	L.	D. SB.	Admitted for accidental hemorrhage (see also Twins)
929	28	1	40	3½ pints	Nil. Labour spt.	L.	L.	Admitted in labour. Weight, 8 lb. 14 oz.
952	34	7	41	Slight, girth 44 in. at 2 in. above umbilicus	Nil. Labour spt. after 14 days in hospital	L.	L.	Mitral stenosis. Weight, 9 lb.
969	26	0	? 37	Definite, also albuminuria	None for hydramnios	L.	M. D.	Became eclamptic
E1001	35	8	? 30	Uterus one finger below ensiform at (?) 30 weeks. No distress	Rest in bed	L.	—	Sent home for delivery
E1030	32	3	? 37	Girth 38 in.	Discharged herself	L.	—	Mitral stenosis with failure

Retroverted Gravid Uterus. 4 cases, 1 booked, 3 emergency.

	No.	
Booked.	1039.	Could not be replaced, ring introduced into vagina caused replacement within 24 hours.
Emergency.	E388.	Inevitable abortion, curettage for incomplete evacuation.
	E480.	Inevitable abortion, complete.
	E1099.	Spontaneous anteversion.

Fibroids. 14 cases, 10 booked, 4 emergency.

- 3 Inevitable abortion (1 evacuated digitally, 2 curetted for incomplete evacuation).
- 2 Cæsarean section (1 for cervical fibroid obstructing delivery, 1 for contracted pelvis).
- 1 Craniotomy.
- 2 Forceps delivery.
- 1 Induction for albuminuria.
- 5 Spontaneous labour.

Ovarian Cyst.

	No.	Age	Para	
Booked.	575	17	0	Ovariectomy at 24 weeks, simple serous cyst. Spontaneous labour at term, living child, satisfactory result.
	590	30	1	Ovariectomy at 18 weeks' pseudomucinous cyst. Spontaneous labour at term, living child, satisfactory result.
	754	28	4	Seen first at 34 weeks with cyst and pregnancy. Spontaneous labour at 36 weeks, living child. Pseudomucinous cyst removed by operation on 4th day of puerperium. Satisfactory result.
Emergency				
Gynæc. No. 26	17	0		Follicular cyst of ovary removed. Spontaneous abortion occurred, pregnancy 6 weeks. Convalescence normal.

CONTRACTION RING.

No.	Age	Para.	Matu- rity	Cause	Stage of labour	Progress and treatment	Result		Remarks
							M.	C.	
15	27	0	40	Drug induction with pituirrin (2 units given three times at hourly intervals)	End of first (seen per ab- domen)	Sedatives given. Forceps de- livery 24 hrs. later for ma- ternal distress. Considerable force used	L.	L.	Induction was for slight disproportion (previous induction 6 days before had failed)
926	19	0	? 37	Breech presentation, long 2nd stage	Second (felt in- ternally)	Ring found after extended arms had been brought down, when delivery of head was at- tempted. It relaxed under deep anaesthesia, and the head was delivered with forceps	L.	SB.	Morbid puerperium (pyelitis and mild uterine infection)
1104	27	3	40	Brow presentation and attempts at delivery.	Second	Ring impeded attempts at ex- traction with cephalotribe after perforation. It finally relaxed and version was done	L.	SB.	Morbid puerperium (uterine infection)
E574	42	0	40	Transverse lie, in- ternal version	$\frac{3}{4}$ dilated (felt in- ternally)	Ring impeded bringing down extended arms. One arm was cut off, the other brought down, and head was perfor- ated and extracted by contin- uous traction	L.	M.	—

HEART DISEASE. 32 CASES, 23 BOOKED, 9 EMERGENCY.

Delivered in Hospital 39.

No.	Age	Para	Maturity at delivery	Lesion	Enlargement	Failure of compensation	Exercise Tolerance	Days in hosp. before delivery	Delivery	Result		Remarks
										M.	C.	
1	33	5	40	Mitral stenosis	Slight	None	Fair	In labour	Normal	L.	L.	In hospital at 36th wk. for 13 days.
E27	34	2	30	"	Mod.	Moderate and increasing	Nil	26	Memb. rupt. artificially. Spt. breech delivery.	L.	D. (6 hrs.)	In hospital 11 days at 22nd week (no failure). Hydramnios. Re-admitted later for sterilisation.
77	23	1	37	"	Mod.	None (haemoptysis)	Poor	20	Spontaneous onset. Manual rot'n. and forceps for occipito-poster. Drug induction, spt. delivery	L.	.	In hospital from 29th to 33rd week. Died 6 months after delivery in acute heart failure.
90	31	9	40	"	Slight	None	V. poor	16	Drug induction, spt. delivery	L.	L.	Slight hydramnios.
175	39	5	40	"	Mod.	None	Fair	43	Drug induction, spt. delivery	L.	L.	Had operations for bilateral nephrolithiasis at 20, 30 and 35 years. Death from broncho-pneumonia.
E177	28	5	35	"	Mod.	Definite (cleared up with rest)	V. poor	42	Condition deteriorated again, Caesarean and sterilization	D. (6th day)	L.	In hospital 1 week at 38th week.
235	38	2	40	Mitral stenosis, free aortic regurgitation	Mod.	None	Poor	In labour	Normal	L.	L.	In hospital for threatened abortion at 19th week, and for rest (10 days) at 35th week.
262	33	1	40	Mitral stenosis	Mod.	None	Poor	11	Normal	I.	L.	
287	25	0	40	"	None	None	Good	In labour	Normal	L.	L.	

HEART DISEASE (continued).

No.	Age	Para	Maturity at delivery	Lesion	Enlargement	Failure of compensation	Exercise Tolerance	Days in hosp. before delivery	Delivery	Result		Remarks
										M.	C.	
315	26	0	38	Mitral stenosis	Slight	? Slight	?	In labour	V4, manual rot'n and forceps (some maternal distress)	L.	L.	Attack of slight failure during pregnancy.
333	26	4	40	"	Mod.	None	Fair	19	Normal	L.	L.	Drug induction.
358	36	4	35	"	Mod.	Moderate	Poor	20	Normal	L.	L.	Failure cleared up before labour which was spontaneous
526	24	0	25	"	Mod.	Severe and increasing	Nil	6	Bag induction, volsellum on scalp	L.	Ab.	Morbid puerperium (uterine infection). Some degree of failure persisted.
537	30	2	40	"	None	None	Poor	18	Normal	L.	L.	Wassermann +.
E587	41	9	36	Mitral stenosis, slight aortic regurgitation	Mod.	None	Poor	In labour	Spt. onset, breech extracted	D.	SB.	Transfer from medical wards. See maternal deaths.
589	27	2	40	Mitral stenosis	None	None	Fair	In labour	Normal	L.	L.	
E601	27	0	40	"	Slight	None	Nil	9	Bougie ind., spt. delivery	L.	L.	History of failure at 5th month.
627	25	2	40	"	Mod.	None	Fair	In labour	Normal	L.	L.	6 days in ward at 28th week.
728	29	0	36	"	Slight	None	? Good	1	Normal	L.	L.	Slight contracted pelvis.
828	33	2	40	"	Mod.	None	Fair	In labour	Normal	L.	L.	Admitted for 2 weeks for pyelitis at 31st week of pregnancy.
871	32	3	? 42	Mitral stenosis, free aortic regurgitation	Mod.	None	Fair	26	Drug ind. for post-maturity, spt. delivery	L.	L.	Anæmia, blood transfusion.
896	25	2	40	Mitral stenosis	Mod.	None	Fair	6	Normal	L.	L.	Hydatidiform mole.
E940	25	0	? 20	"	Mod.	None	Fair	37	Bag ind. failed, abdominal hysterotomy	D.	—	Post-operative peritonitis.

HEART DISEASE (continued).

No.	Age	Para	Maturity at delivery	Lesion	Enlargement	Failure of compensation	Exercise Tolerance	Days in hosp. before delivery	Delivery	Result		Remarks
										M.	C.	
E960	31	2	? 14	{ Myocardial degeneration, aortic regurgitation, chronic nephritis	Mod.	None	Nil	10	Digital evacuation	L.	M.	Induction of abortion for chronic nephritis. Died 4 months afterwards of myocardial degeneration.
952	34	7	41		Mod.	None	Good	14	Normal	L.	L.	Antenatal admission 7 days at 36 weeks.
979	31	1	32	"	Slight	None	Poor	In labour	Accidental hæmorrhage, extraction of breech pres. Spt. breech	L.	SB.	Slight hydramnios. Child 9lb., length 21 ins. Antenatal admission 8 days at 30 weeks.
E983	32	1	30	"	Slight	None	? Good	In labour		L.	SB.	
1087	25	1	40	"	Mod.	None	Poor	In labour	Normal	L.	L.	
E1103	26	2	13	"	Mod.	Slight	Nil	22	Abdominal hysterotomy	L.	Ab.	Also sterilization.
<i>Discharged undelivered 3</i>												
766	25	1	20	Mitral stenosis	Mod.	None	Poor	5	Re-ad. 1930	L.	—	
867	31	6	16	"	Slight	None	V. poor	17	"	L.	—	
E1030	32	3	? 37	"	Mod.	Moderate	Nil	4	Discharged herself	L.	—	Hydramnios.

PULMONARY TUBERCULOSIS. 7 CASES, 6 BOOKED, 1 EMERGENCY.

No. booked	Age	Para.	Maturity at delivery	State of disease	Days in hospital before delivery	Labour	Result		Remarks
							M.	C.	
291	29	4	40	Quiescent	In labour	Rapid, spontaneous	L.	L.	Normal puerperium.
323	22	0	40	Active at right apex	20	Drug induction, normal delivery	L.	L.	Morbid puerperium (2nd and 3rd day).
392	37	4	40	Quiescent	In labour	Spontaneous	L.	L.	Normal puerperium.
583	20	1	37	Right artificial pneumothorax, disease apparently subsiding	In labour (from medical ward)	Spontaneous	L.	L.	A.P. refill in puerperium (morbid 4 days).
E609	23	0	26	Early and active	11 (from medical ward)	Bougie induction	L.	Ab.	Fœtus lived 4 days. Weight 2 lb. 10½ oz., length 16 in. Normal puerperium.
283	37	8	42	? Quiescent	30	Bougie induction for post-maturity, normal delivery	L.	L.	Readmitted for pyelitis in 3rd and 4th weeks of puerperium, not morbid.
167	21	0	40	? Active	5	Spontaneous labour, forceps for foetal distress	L.	L.	Morbid puerperium—due to lung condition.

ABORTION.

	Booked	Emergency	Total
Threatened	3	4	7
Inevitable, spontaneous evacuation	11	19	30
„ digital evacuation	1	1	2
„ spontaneous evacuation incomplete, curettage	0	2	2
Incomplete, spontaneous evacuation	0	1	1
„ digital evacuation	0	5	5
„ curettage	1	12	13
„ discharged herself with placenta in utero	0	1	1
Missed, spontaneous evacuation	0	1	1
„ digital evacuation	1	1	2
„ curettage	0	1	1
Complete on admssion	0	3	3
Induced	2	3	5
Abdominal hysterotomy	0	1	1
Hydatidiform mole	1	1	2
	20	56	76

Of the above cases the following are of interest:—

- 417 (Booked). Age 33. Para-2. Hydatidiform mole. Admitted for hæmorrhage. Some headache and vomiting, no albuminuria. Mole evacuated digitally. (Twin pregnancy, one normal fresh foetus and placenta, + one pint of hydatidiform vesicles.) Patient subsequently developed chorionepithelioma for which hysterectomy was done.
- 940 (Emergency). Age 25. Primigravida. Hydatidiform mole. Mitral stenosis. Attempted bag induction, followed by abdominal hysterotomy. Maternal death.
- 352 (Emergency). Age 32. Para-3. Admitted 9 days after a 14 weeks' abortion, for pelvic abscess. Abscess burst into rectum. Good recovery.
- 655 (Emergency). Age 20. Para-2. Inevitable abortion at 27 weeks. Morbid puerperium due to gonococcal endometritis and arthritis (gonococci found in intrauterine smear, no growth on culture).
- 836 (Emergency). Age 28. Para-2. Antepartum uterine infection and *Bacillus coli* septicæmia (143 organisms per 1 cc. blood). Two rigors and temperature 105.6° before delivery. Inevitable abortion at 14 weeks. Recovery.
- 1093 (Emergency). Age 31. Primigravida. Peritonitis due to *Bacillus coli* infection. Abdomen opened and drained, appendix normal. Spontaneous abortion of 12 weeks foetus infected with *Bacillus coli*. Recovery. Femoral thrombosis during convalescence, not "morbid."
- For Induction of abortion.

MORBIDITY OF ABORTION.

- 2 Deaths (940, Hydatidiform mole, abdominal hysterotomy, peritonitis. 1101, Concealed accidental hæmorrhage, cortical necrosis of kidneys).
- 1 Uterine infection and septicæmia (see No. 836 above).
- 1 Pelvic abscess (see No. 352 above).
- 5 Uterine infection (3 booked, 2 emergency, No. 655 also had gonococcal arthritis).
- 1 Pyelitis (see No. 689), Induction of abortion).
- 1 Cause doubtful (intrauterine culture sterile).

PATIENTS DELIVERED IN HOSPITAL.

		Booked	Emergency	Total
Vertex, occipito-anterior, primiparæ ..		440	21	461
" " " multiparæ ..		283	12	295
" occipito-posterior, primiparæ ..		58	3	61
" " " multiparæ ..		38	4	42
" position doubtful, primiparæ ..		2	1	3
" (including B.B.A.), multiparæ ..		7	0	7
" delivery by internal podalic version, primiparæ ..		1	0	1
Breech presentation, primiparæ ..	..	13	0	13
" " multiparæ ..	..	9	7	16
Transverse and oblique lies ..	..	3	2	5
Face presentation ..	..	2	0	2
Brow ..	..	1	0	1
Twins ..	..	10	1	11
Triplets ..	..	0	1	1
Accouchement forcé ..	..	1	0	1
<i>Total deliveries per vaginam</i>		868	52	920
Cæsarean section ..	..	7	1	8
<i>Total deliveries</i>		875	53	928

POSTERIOR POSITION OF THE OCCIPUT.

Cases	Treatment or termination	Primiparae	Multiparae	Child				Maternal deaths	Remarks
				L.	M.	S.B.	D.		
Booked									
68	Spontaneous rotation and delivery	40	28	39 26	0 1	1 1	0 0	0 0	
4	Spontaneous rot'n, forceps delivery	4		3	0	0	1	0	Death, ? ac. ulcer of stomach
14	Manual rotation, forceps delivery	9		9	0	0	0	1	Death, pneumococcal septicaemia
			5	3	1	1	0	0	M. See prolapsed cord SB. Version of breech in 1st stage
1	Manual rotation incomplete, forceps del. with head transverse		1	0	0	1	0	0	
6	Spontaneous delivery, face to pubes	2	4	2 3	0 0	0 1	0 0	0 0	SB. bag induction
3	Forceps delivery, face to pubes	3		3	0	0	0	0	
Emergency									
6	Spontaneous rotation and delivery	2	4	2 4	0 0	0 0	0 0	0 0	
1	Manual rotation and forceps	1		1	0	0	0	0	

BREECH PRESENTATION—UNCOMPLICATED.

Cases	Treatment or termination	Primiparae	Multiparae	Child			Maternal deaths	Remarks
				L.	SB.	D.		
Booked								
2	Spontaneous delivery	1	1	0	1	0	0	D. at 7 wks., gastroenteritis.
4	Extraction of head manually	2	2	1	1	0	0	
3	One or two extended arms brought down	1	2	1	0	0	0	
1	One extended leg and both arms brought down, forceps delivery of head		1	0	1	0	0	
8	Extended legs brought down, manual extraction of head	8		4	4	0	0	
Emergency								
1	Extended arms brought down, manual extraction of head		1	0	1	0	0	Cord prolapsed and pulseless on admission.
1	Extended legs brought down, manual extraction of head		1	0	1	0	0	

BREECH PRESENTATION—COMPLICATED.

No.	Age	Para	Maturity	Complication	Treatment	Result		Remarks
						M.	C.	
E27	34	2	30	Mitral stenosis	No interference	L.	D.	(Child lived 6 hrs.).
55	33	6	40	Concealed A.P.H.	Legs extended, delivered by traction	L.	M.	Morbid puerperium (uterine infection).
E114	27	1	28	Placenta prævia	Memb. ruptured, leg brought down	L.	D.	(Child lived 10 hrs.), morbid puerperium (uterine infection).
506	42	7	32	" "	Memb. ruptured, leg brought down	L.	SB.	
E573	31	1	35	" "	External cephalic version, failure to apply Willett's forceps, bipolar podalic version, leg brought down	L.	SB.	
E587	41	8	36	Mitral stenosis, aortic regurgitation	Extended legs, and extended arms brought down, manual extraction	D.	SB.	
926	19	0	? 37	Contraction ring	Long labour, perineotomy, delivery by traction on flexed legs, extended arms brought down, forceps delivery of head	L.	SB.	Morbid puerperium (pyelitis), perineum healed well.
979	31	1	32	Mitral stenosis, accidental Hge.	Arms brought down, extraction of head	L.	SB.	
E983	32	1	30	Mitral stenosis	Spontaneous delivery with placenta	L.	SB.	

SHOULDER PRESENTATION.

No.	Age	Para.	Matu- rity	Condition	Treatment	Result		Weight of Child	Remarks
						M.	C.		
E182	39	9	42	Membranes ruptured and arm prolapsed before admission (in labour 12 hrs.)	Internal version and delivery as breech	L.	SB.	1b. 7 2½ oz.	Morbid (pyelitis).
416	30	4	38	Induction by bougies for contracted pelvis. Oblique lie found in 2nd stage	Internal version and delivery as breech	L.	SB.	6 12½	Version from breech to vertex presentation in O.P.D. at 35th week.
539	29	5	38+	Induction by bougies for contracted pelvis. Shoulder found presenting when membranes ruptured	Internal version and delivery as breech (extended arm brought down)	L.	L.	6 0	Version from oblique to vertex presentation in O.P.D. at 37th week.
E574	42	0	40	In labour 4 days, memt. ruptured 25 hrs., cervix ½ dilated, shoulder presenting. Fœtus dead	Internal podalic version; 10 hours later right arm brought down, left arm cut off, head perforated and extraction through contraction ring	L.	M.	5 0	Morbid (intrauterine infection).
1015	27	0	40	In 1st stage of labour (11 hrs.), membranes intact	External cephalic version under anæsthetic	L.	SB.	5 12	External cephalic version for breech presentation at 38th week.

FACE PRESENTATION. 2 BOOKED.

No.	Age	Para.	Maturity	Position	Treatment	Result		Weight of Child	Remarks
						M.	C.		
552	30	1	40	R.M.P.	Spontaneous delivery	L.	L.	lb. oz. 7 13½	
968	27	2	36	R.M.A.	Spontaneous delivery	L.	D.	4 11½	Baby lived 12 hours; cause of death, ? prematurity.

BROW PRESENTATION. 1 BOOKED.

No.	Age	Para.	Maturity	Treatment	Result		Weight of Child	Remarks
					M	C		
1104	27	3	40	Attempted conversion to face and to vertex and forceps delivery failed. Embryotomy, failure to extract, version, and delivery as breech.	L.	SB.	lb. oz. 6 11	(See Embryotomy) external cephalic version at 38th week. Morbid puerperium (uterine infection).

PROLAPSE OF CORD (WITH VERTEX PRESENTATION). 7 BOOKED CASES.

No.	Age	Para	Matu- rity	Complication	Size of os when first diagnosed	Treatment	Result		Remarks
							M.	C.	
173	40	9	40	Contracted pelvis, induction by bag, drugs and bougies	$\frac{1}{2}$ dilated	Examination under anaesthetic, cord pulseless, $\therefore$ no treatment	L.	M.	Occipito-posterior, manual rotation and forceps, for maternal distress.
199	31	0	40	Occipito-posterior, rotation failed, cord prolapsed during forceps delivery face to pubes	Full	Rapid extraction	L.	L.	
249	23	1	38	Contracted pelvis, stomach tube induction	2 fingers	Manual reposition and binder	L.	L.	Spontaneous delivery
465	22	0	40	Occipito-posterior 5 hrs. in 2nd stage	Full	Manual rotation and forceps	L.	L.	Brought in from district for occipito-posterior position.
637	32	0	40	Delayed 2nd stage ($6\frac{1}{2}$ hrs.) V_1	Full	Replacement and immediate forceps delivery	L.	L.	Prolapsed cord found when forceps about to be applied for delayed 2nd stage.
795	24	0	30	1st of twins (2 lb. $2\frac{1}{2}$ oz.), arm also prolapsed	Full	Replacement under anaesthetic (spt. delivery on recovery)	L.	D.	(2nd foetus SB.). Accidental hæmorrhage.
1081	21	0	40	None, head on perineum	Full	Rapid forceps delivery	L.	SB.	

TRIPLETS.

No.	Age	Para	Matu- rity	Presentation	Sex	Wt.		Length	Type	Result	
						lb.	oz.			M.	C.
E349	35	0	? 33	(Brow (M-P)	M.	4	6	17	Binovular	(SB.	Rotation, flexion and forceps delivery. Legs brought down, head ex- tracted. Extraction of head. Placenta—Crédé's method of ex- pression, after 2 units pituitrin intravenously.
				Breech	F.	3	5½	15		L.	
				Breech	F.	2	12	15		(SB.	

TWINs. 11 CASEs, 10 BOOKED, 1 EMERGENCY.

No. booked	Age	Para	Matu- rity	Presen- tation	Sex	Weight	Type	Result		Remarks
								M.	C.	
299	25	2	? 39	V. Tr.	M. M.	lb. oz. lb. oz. 5 2½ 5 0	Uniovular	L.	L.	External cephalic version under anaesthetic of one (breech) twin at 35th week. Internal podalic version of 2nd for transverse lie.
386	25	1	40	V ₁ V ₃	M. M.	7 5 7 2	Binovular	L.	L.	Hydramnios; 2nd spt. face to pubes.
424	21	0	40	V ₂ V.	F. M.	6 9½ 6 8	"	L.	L.	
510	24	1 Ab.	40	V ₁ V ₂	F. F.	5 11 5 10	? Uniovular	L.	SB.	Both forceps for delayed 2nd stage. Cause of foetal death, retro-placental clot. Puerperium morbid (uterine infection).
533	30	2	30	V ₁ V.	M. M.	1 11¼ 1 10½	Binovular	L.	D.	1st placenta before 2nd foetus.
562	29	0	? 36	V ₁ V ₃	F. M.	5 4½ 4 14	"	D.	L.	Cause of death, anaemia and P.P.H.
E620	30	0	?	V ₂ V.	M. M.	3 13¼ 4 8½	"	L.	L.	Cause of death, prematurity.
719	22	0	32	V ₁ S.	F. F.	3 7 3 5	Uniovular	L.	D.	Albuminuria.
731	25	0	36	V ₁ V ₁	F. F.	5 4½ 5 2½	Binovular	L.	L.	Accidental hæmorrhage, hydramnios. 1st cord and arm prolapsed (q.v.); 2nd anencephalic.
795	24	0	30	V. S.	F. F.	2 2½ 1 6½	"	L.	D.	Pyelitis in puerperium (not morbid).
969	26	0	37	V. V.	F. F.	5 6¼ 5 6¼	? Uniovular	L.	M.	Eclampsia; forceps for both (1st face to pubes, 2nd occ-ant). Puerperium morbid (pyelitis), and complicated by insanity).

OBSTETRIC OPERATIONS.

Forceps delivery.

Forceps were applied 87 times, of these two were twin pregnancies, both foetuses being delivered with forceps. Therefore 85 mothers were delivered—77 booked, 8 emergency. Forceps rate in booked cases (868 deliveries per vaginam) 8·87 per cent.

Morbidity of forceps delivery (a) Sepsis :—

1 death (pneumococcal uterine infection, and septicæmia).

8 intrauterine infection (5 booked, 3 emergency).

Sepsis rate—(booked cases) 7·79 per cent.

(total cases) 10·59 „

(b) Other causes :—

1 death (calculus in ureter, pyelonephritis and *B. coli* septicæmia).

5 pyelitis (4 booked, 1 emergency).

1 pulmonary tuberculosis (booked).

1 doubtful cause, not septic (emergency).

Total morbidity rate (booked cases) 15·58 per cent.

(total cases) 20·0 „

Foetal mortality—70 living, 12 stillborn, 3 macerated, 2 died ; i.e., 17·2 per cent. were still- or dead-born

Cases booked	Indication	Prima-paræ	Multi-paræ	L.	SB.	M.	D.	
34	Foetal distress	29		25	2	1	1	
			5	3	2			
9	Maternal distress	6		5		1	1	One case of twins (both forceps)
			3	2		1		
19	Delayed 2nd stage (occipito-anterior)	18		17	1			
			1	1	1			Twins (both forceps)
11	Delayed 2nd stage (occipito-posterior)	8		8				
			3	2	1			
2	After-coming head	1			1			
			1		1			
1	Prolapsed cord	1			1			
1	Indication doubtful	1		1				
77	Mothers delivered	64	13	64	10	3	2	= 79 foetuses delivered
Emergency								
5	Foetal distress	5		5				
1	Maternal distress	1			1			
1	Delayed 2nd stage	1		1				
1	Brow (1st of triplets)	1			1			
8		8	0	6	2			

VERSION.

External cephalic version for breech presentation :—

In out-patient department	14
In hospital, no anæsthetic	6
„ under anæsthesia	12
Attempted version under anæsthesia failed ..	5

External cephalic version for transverse lie :—

In out-patient department	6
In hospital, no anæsthetic	3

Bipolar podalic version for placenta prævia (following external cephalic version). 1 (No. 573)

Internal version for transverse lie (single pregnancy)	4
„ (2nd of twins)	1
„ for brow presentation	1
„ (accouchement forcé)	1

A case of special interest is No. 957, a booked case delivered by internal version at the beginning of the second stage. The patient was a primipara with a normal vertex presentation of a full-term foetus. The foetus was successfully delivered alive, and the mother had a normal puerperium.

INDUCTION OF LABOUR.

The methods used for induction are : Drug induction with quinine sulphate (sometimes with pituitrin also), Krause's gum elastic bougies, a solid rubber œsophageal bougie or stomach tube, Queen Charlotte's hospital bag holding 6 oz., de Ribes' bag holding 6 oz. or 20 oz. The time of induction is calculated from the commencement of the drug induction (i.e., when the castor oil was given), or from the insertion of the bougies or bag, to the commencement of the pains.

Morbidity of bougie and bag induction of premature labour.

- 1 case of uterine infection (Krause's bougies for contracted pelvis). (No. 978.)
- 1 case of pyelitis (Krause's bougie induction for pyelitis).

There were also two patients with morbid temperatures after induction of abortion, 1 with uterine infection, and 1 with pyelitis.

There were no deaths in induced cases, except the case (No. 940) in which bag induction for hydatidiform mole failed, and the bag was removed and the uterus emptied by abdominal hysterotomy. The patient died of peritonitis.

INDUCTION OF LABOUR FOR DISPROPORTION BETWEEN

No.	Age	Maturity	Previous labours	Measurements, inches				Methods and times of induction
				I.S.	I.C.	E.C.	D.C.	
15	27	40	0	9 $\frac{3}{4}$	11	7 $\frac{3}{4}$	4 $\frac{1}{2}$	Drug (with pituitrin) twice, pains 14 hours after 2nd.
E33	38	39	1 breech (died at 10 days old)	7 $\frac{3}{4}$	10	6 $\frac{3}{4}$	4	Drug (with pituitrin) 10 hrs.
43	29	40	0	9 $\frac{1}{2}$	10 $\frac{1}{2}$	7 $\frac{1}{2}$	4 $\frac{1}{4}$ +	Drug (no pituitrin) 21 $\frac{1}{2}$ hrs.
52	43	40	2 N.L., 5 forc. (2 SB)	10	11 $\frac{1}{2}$	9	N.F.	Q.C.H. bag, 4 $\frac{1}{2}$ hours.
80	31	40	1 forc. (SB)	8 $\frac{1}{2}$	10 $\frac{1}{4}$	7	4	Q.C.H. bag, 1 hour.
89	19	40	0	10 $\frac{1}{4}$	10 $\frac{1}{2}$	7	4 $\frac{1}{4}$	Drug (with pituitrin) failed. Stomach tube, 45 hours.
109	33	38	2 ind. (L.) 1 N.L. (D.)	10	10 $\frac{1}{2}$	?	4	Stomach tube, 6 hours.
122	33	40	2 forc. (SB) 2 ind. (L.)	10 $\frac{1}{2}$	10 $\frac{3}{4}$	8	4 $\frac{1}{2}$	Krause's bougies expelled, 2 days. Q.C.H. bag expelled, 2 days. Drug ind. 3 days later, pains in 3 hours.
128	32	40	2 ind. (L.)	?	?	?	4 $\frac{1}{2}$	Esophageal bougie, 52 hrs.
173	40	40	8 N.L. (2 SB) 1 ind.	10	11 $\frac{1}{2}$	8	4 $\frac{1}{4}$	Drug failed. Q.C.H. bag, expelled 2 days. Drug failed. Esophageal bougie, ? 36 hours.
194	27	38	3 ind. (2 L.)	?	?	?	4 $\frac{1}{4}$	Esophageal bougie, 20 hrs.
249	23	38		10 $\frac{1}{2}$	11 $\frac{1}{4}$	7 $\frac{1}{4}$	4	Esophageal bougie, 48 hrs.
288	38	40		9 $\frac{1}{2}$	10	7 $\frac{1}{2}$	4 $\frac{1}{4}$	Q.C.H. bag, pains on recovery from anæsthetic.
293	20	40	0	8 $\frac{1}{2}$	9 $\frac{1}{2}$	7	4 $\frac{1}{4}$	Krause's bougies, 6 hours.
331	30	? 40	0	10	11 $\frac{1}{4}$	8 $\frac{1}{2}$	4 $\frac{1}{2}$	Krause's bougies, 27 hours.
E353	32	38		?	?	?	4 $\frac{3}{4}$	
365	21	41	0	10 $\frac{3}{4}$	11 $\frac{3}{4}$	8	4 $\frac{1}{2}$	2 drug inductions failed. Q.C.H. bag, pains began on recovery from anæsthetic, no progress, on 4th day weight put on bag, which was expelled in a few hours, slow progress till spontaneous rupture of membranes on 6th day.
371	39	39	6 difficult spt.	9 $\frac{1}{2}$	10 $\frac{1}{2}$	7 $\frac{1}{2}$	4 $\frac{1}{2}$	8 oz. de Ribes bag, 6 hours.
416	30	38	3 spt. (L.), 1 ab.	8 $\frac{3}{4}$	10	7 $\frac{1}{4}$	4 $\frac{1}{2}$	Krause's bougies expelled, 20 hrs. Drug induction failed. 2nd bougie induction 4 days after 1st, pains in 4 hrs.
418	31	39	2 forc., 1 spt. (2 died)	9 $\frac{1}{2}$	10 $\frac{3}{4}$	7 $\frac{1}{4}$	4 $\frac{1}{2}$	Krause's bougies, 60 hrs.

PELVIS AND HEAD. 39 CASES, 36 BOOKED, 3 EMERGENCY.

Child				Duration of labour	Result		Remarks
Weight		Length	Head circ.		M	C	
lb.	oz.	in.	cm.				
7	2½	19½	13½	40 hrs.	L.	L.	Contraction ring. Forceps for delayed 2nd stage (20 hrs.).
5	14	19¼	13½	5 "	L.	L.	2nd stage 2 hours.
6	10	19½	13½	6½ "	L.	L.	2nd stage 1½ hours.
9	12	22	13½	15½ "	L.	L.	
7	0	20	13½	74 "	L.	L.	Primary uterine inertia, 2nd stage 8½ hours.
6	3	19½	14½	52 "	L.	L.	2nd stage 2 hrs. +, extreme moulding of head and pressure marks of bougie.
6	11	19	13½	25 "	L.	L.	
8	10	?	15	10½ "	L.	L.	
6	12	18½	13½	22 "	L.	L.	Occipito-posterior, Prolapsed cord, forceps delivery.
7	9	21	?	60 "	L.	M.	
6	10	19	12¾	27 "	L.	D.	Prolapsed cord replaced (ex. 2 fingers dilated)
4	7	18	11¾	18 "	L.	L.	
5	14	19½	13	18 "	L.	D.	
6	8½	20	13	50 "	L.	L.	2nd stage 3 hours.
5	6¼	19	13½	27 "	L.	L.	Forceps for fetal distress, ex. not quite fully dilated.
7	6	19½	13½	24 "	L.	L.	External cephalic version for breech performed twice. Delivery 11½ hrs. after rupture of membranes.
8	2	21	14¼	6 days	L.	L.	
7	4¼	20	14	19 hrs.	L.	L.	Hydramnios.
6	12½	20	13½	43 "	L.	S.B.	External version was done in O.P.D. for breech presentation. In 2nd stage which lasted 1½ hrs., an oblique lie with prolapsed cord was found. Internal version and delivery as breech.
7	4	19	14	8½ "	L.	L.	Contracted outlet. Forceps delivery.

No.	Age	Maturity	Previous labours	Measurements— <i>inches</i>				Methods and times of induction
				I.S.	I.G.	E.C.	D.C.	
423	25	40	0	9	10½	7¼	4½	Q.C.H. bag, 60 hrs.
426	24	39	0	9½	10½	7½	4½	Krause's bougies, 1½ hrs. Slow 1st stage, drug induction 3 days later.
513	27	38	3 spt., (small children)	9½	11	7¼	4 —	Krause's bougies, 14 hrs.
522	20	39	1 spt. prem. (died)	9½	10¼	7¼	4	Q.C.H. bag, 52 hrs. (drug induction given about 12 hrs. before pains began)
539	29	?	2 spt., 3 ind. (L.)	10¾	11¼	7½	4½	Krause's bougies, a few pains. Drug induction 2 days later, a few pains. Membranes ruptured spontaneously 6 days after bougie induction (irregular pains for 2 days before)
588	36	39	1 spt.	10	10¼	7	4½	External cephalic version and bougie induction (1 hour) ?
606	28	38	1 Cæsarean	8¼	9½	7	4¼	Krause's bougies, 34 hrs.
646	20	40	1 forceps (L)	?	?	8½	4½	2 drug inductions failed, Krause's bougies, 4 hrs.
657	25	40	1 ind. (L.)	10	11	7	4½	Krause's bougies, 3 hrs.
E707	36	40	1 ? craniotomy, 1 spt. (L.)	10¾	11½	7½	4¾	Krause's bougies, 151 hrs. (drug induction on 4th day, no effect)
723	28	39	2 ind. L.), 1 spt. L.)	8¾	9¾	7	4½	Krause's bougies, 44½ hrs. (came out 3 hrs. before pains). Drug induction, 2 hrs. after pains began
753	31	38	2 spt. (L.)	?	?	?	4½	Krause's bougies, 102 hrs. (drug induction 4 hrs. before pains)
806	29	39	1 ind. (L.)	9¼	10¼	7	4½	Krause's bougies, 35 hrs.
870	23	38	0	10½	11¾	7¼	4¼	Krause's bougies, 12 hrs. (pains ceased). Drug induction on 4th day, pains in 3½ hrs.
901	30	38	2 spt., 3 forc. (difficult)	8½	10	7¼	4¼	Krause's bougies, 57 hrs.
907	30	38	1 ind.	10½	11½	7¾	4¼	Version and Krause's bougies. After 95 hrs., drug induction given, pains in 15 hrs.
938	25	40	0	10½	11½	7	4¼	Krause's bougies. After 75 hrs., drug induction given, pains in 15 hrs.
978	27	40	(1 ind. (L.)	8½	9½	6¾	4	Krause's bougies, 56 hrs.
1022	30	38	0	10	11	8½	4½ +	Krause's bougies, spt. rupture of membranes in 90 hrs., good labour pains 140 hrs. after induction

DISPROPORTION (*continued*).

Child				Duration of labour	Result		Remarks
Weight		Length	Head circ.		M.	C.	
lb.	oz.	in.	cm.				
6	10½	20	13½	27½ hrs.	L.	L.	
6	1	19½	13½	95 „	L.	D.	2nd stage, ? 2 hrs. Death due to spinal injury.
6	3	19	13	20 „	L.	L.	
7	10	20	14¾	13 „	L.	SB.	2nd stage, 3 hours—born face to pubes. Death due to intracranial hæmorrhage.
6	0	20	13¾	2 days	L.	L.	Transverse lie found at rupture of membranes (ex. 3 fingers dilated). Internal version and delivery as breech.
7	5	20	13½	13 hrs.	L.	SB.	Forceps for foetal distress, delay of ¾ hour at vulva. (Measurement to false prom. 4½).
6	9½	20	13½	15 „	L.	L.	Short 2nd stage.
7	4	19½	14	56 „	L.	L.	Long 1st and short 2nd stages.
7	5	20	14	5 „	L.	L.	
6	14½	21½	14	9 „	L.	L.	Depressed fracture of skull.
6	2½	20	14	13 „	L.	L.	
4	14	18	13	5 „	L.	L.	
7	10	20	14	3 „	L.	L.	Contracted outlet. 2nd stage, ¾ hour +.
7	7½	19½	13½	77 „	L.	L.	Albuminuria. 2nd stage, 3½ hrs. +.
6	1	19½	13	28 „	L.	L.	
6	14	19	13	6 „	L.	L.	
7	3	20	14	20 „	L.	S.B.	
6	13½	19	13½	26 „	L.	L.	Morbid puerperium (uterine infection).
7	7	21	14¾	15 „	L.	L.	Achondroplasia, false promontory 4½ in. from lower margin of pubis. Slight generally contracted pelvis.

INDUCTION OF LABOUR FOR ALBUMINURIA AND ECLAMPSIA.

No.	Age	Para	Maturity on delivery	Condition on admission	Progress
38	40	5	36	Albuminuria less than 0.5/1000. B.P. 220/140	B.P. rising. (Pre-eclamptic)
189	29	0	29	Albuminuria 3/1000. B.P. 176/130. Oedema of legs, headache	Patient became blind, B.P. 216/132. (Pre-eclamptic)
314	28	0	33	Urine solid with albumen, B.P. 146/88. Headache (3 wks.), extensive oedema	B.P. rising, no improvement
394	20	0	38	Albuminuria 1.5/1000. B.P. 130/84	Albumen rose to 4/1000. B.P. persistently 140
335	30	0	31	Eclampsia (see page ?)	Refused induction. Fits recurred on 6th day
E430	40	1	39	Albuminuria 18/1000. B.P. 170/100	Only slight improvement (pre-eclamptic)
597	45	10	37	(1) 31st wk.; Albuminuria, trace; B.P. 170/118 (2) 36th wk.; Albuminuria, trace; B.P. 170/106	No improvement on 2nd admission (pre-eclamptic)
603	33	8	33	Albuminuria 1/1000. B.P. 178/124. (History of 4 abortions, and albuminuria in last pregnancy)	B.P. rose, venesection, no improvement (pre-eclamptic)
E729	22	0	40	Albuminuria 8/1000. B.P. 152/100	Severe albuminuria at term
E779	27	0	40	Albuminuria a trace. B.P. 190/108	Little improvement (pre-eclamptic)
874	19	0	37	(1) 30th wk., no albuminuria. B.P. 140/110 (2) 35th wk., albuminuria 4/1000. B.P. 160/110	Albuminuria 1/1000. B.P. remained the same

11 CASES, 8 BOOKED, 3 EMERGENCY.

Induction and time	Days in hospital before delivery	Highest B.P.	Albuminuria on discharge	Duration of labour	Result		Remarks
					M.	C.	
Es. bougie failed.	16	230/158	Faint trace	5 hrs.	L.	L.	Patient's sight recovered completely Baby, wght. 3 lb. 2½ oz.
Q.C.H. bag, ¾ hr.							
2 Q.C.H. bag inductions, first expelled in 25 hrs., second removed after 70 hours because there were no labour pains (ex. ½ dilated). Accouchement forcé	10	220/147	Faint trace		L.	D. (15 days)	
Es. bougie, removed 3 days later (pains began after this)	13	172/100	Trace	84 „	L.	L.	
Krause's bougies, 6½ hours	12	140/98	1.5/1000	4½ „	L.	L.	
Consented to induction on 21st day. Q.C.H. bag, pains in 1 hour. Bag expelled on 5th day, delivery 1½ hrs. afterwards	25	207/132	Very faint trace	115 „	L.	L.	Baby, wght. 2 lb. 15¼ oz.
Krause's bougies, 4 hours	6	172/110	1/1000	2 „	L.	L.	
Drug, 4 hrs. (pains and spt. rupture of membranes). No progress. 2 days later, Q.C.H. bag (expelled in 12 hours. Next day, de Ribes bag (14 oz.), expelled in 3½ hours	7	184/110	Trace	Spt. del. 17½ hrs. after bag expelled	L.	L.	Baby, wght. 6 lb. 11 oz.
Krause's bougies, 1 hour	8	200/126	0	51 hrs.	L.	L.	Baby, wght. 3 lb. 12 oz. B.P. 124/86 on discharge
Drug, ? 5 hrs.	3	152/100	1.5/1000	13 „	L.	L.	
Drug, 32 hrs.	7	190/118	0	7 „	L.	L.	
Krause's bougies, 27 hrs.	15	160/110	Trace+	21 hrs.	L.	L.	Baby, wght. 3 lb. 9½ oz.

INDUCTION OF LABOUR FOR OTHER CAUSES.

No.	Age	Para	Maturity on delivery	Indication	Method and duration of induction	Duration of labour	Child			Result		Remarks
							Weight	Length		M.	C.	
27	34	2	30	Mitral stenosis with failure, and hydranios	2 Krause's bougies and rupture of membranes, 7 hours	1½ hours	lb. oz. 4 3	in. 17		L.	D.	
90	31	9	40	Mitral stenosis at term	2 drug inductions (with pituitrin), the first failed, pains 13 hours after second	18 "	9 8	20		L.	L.	Labour normal.
175	39	5	40	Mitral stenosis at term	Drug induction failed 16 days before labour. Two series of pitocin injections (each of three 0.2 c.c. doses), memb. rupt. spt. 5 hours after second series began. Labour pains 36 hours after memb. ruptured	13 "	6 14	19½		L.	L.	" "
333	26	4	? 42	Mitral stenosis and post-maturity	Drug induction, 1 hour	11 "	6 13	20		L.	L.	" "
E601	27	0	40	Mitral stenosis at term	Krause's bougies, ? 6 hours	21 "	7 1½	20		L.	L.	" "
871	32	3	? 42	Mitral stenosis, aortic regurgitation, post-maturity	Drug induction, 24 hours	13 "	8 9½	21		L.	L.	" "
283	37	8	? 42	Pulmonary tuberculosis, post-maturity	Drug induction failed, Krause's bougies, ? 36 hours	? 6 "	9 3	23		L.	L.	Labour rapid. Readmitted 3rd and 4th weeks (pyelitis, not morbid).
323	22	0	40	Active pulmonary tuberculosis at term	Drug induction, 4 hours	28 "	7 0	19		L.	L.	Labour normal. Morbid puerperium (due to pulmonary tuberculosis).

INDUCTION OF LABOUR (*continued*).

No.	Age	Para	Maturity on delivery	Indication	Method and duration of induction	Duration of Labour	Child		Result		Remarks
							Weight	Length	M.	C.	
E988	28	0	34	Pyelitis	Krause's bougies, 28 hours	22 hours	lb. oz. 3 13½	in. ?	L.	L.	Forceps for delayed second stage. Morbid puerperium (due to pyelitis). Admitted to medical ward with pyelitis at end of 3rd week. Short second stage.
765	39	8	40	Hyperpiesis	2 drug inductions failed, Krause's bougies, 11½ hours	2½ "	7 10½	21	L.	L.	
159	47	12	? 38+	Habitual foetal death	2 drugs inductions failed, oesophageal bougie, 4 hours	17 "	4 2	?	L.	L.	

INDUCTION OF ABORTION, 5 CASES.

No.	Age	Para	Maturity on delivery	Indication	Condition and progress	Induction and time	Duration of labour	Result to mother	Remarks
526	24	0	25	Mitral stenosis with failure	Three months in medical ward with increasing failure. Induction was refused during this time	Two tents caused only a few pains. Q.C.H. bag introduced, expelled in 30 hrs., when vulsellum forceps were put on scalp of foetus	2 hrs. after bag expelled	L.	Morbid puerperium (uterine infection). Failure still present on discharge.
E609	23	0	26	Pulmonary tuberculosis	Disease early and active	Krause's bougies, effective pains in about 5 to 6 days	? 18 hrs.	L.	Foetus lived 4 days (16 in., 2 lb. 10 oz.).
E616	36	2	27	Chronic nephritis	(Two spt. abortions at 10 weeks.) On admission: headache, eyesigns, vomiting, albuminuria 16/1000. Maximum B.P. 200/138. Edema. No cardiac changes	Q.C.H. bag, 78 hrs. Bag expelled after 16 hrs. pains, and leg was pulled down	24 "	L.	Macerated foetus. On discharge: B.P. 150/116. Albumen 2.5/1000.
689	42	8	24	Chronic nephritis	(All N.L. except last, when a macerated foetus was delivered at 36 weeks). On admission: headache, eye signs, albuminuria 1.5/1000. Maximum B.P. 238/160	20 oz. De Ribes' bag, 22½ hrs. Bag expelled after 5½ hrs. pains	10 "	L.	Macerated foetus. Morbid puerperium (pyelitis). On discharge: B.P. 156/98. Albumen 1/1000.
E960	31	2	? 14	Myocardial degeneration Chronic nephritis Aortic regurgitation	(Eclampsia, 1916, 5 mos. abortion March, 1929). Severe cardiovascular damage, B.P. 216. Blood-urea 28 mg. per cent. Urea concentration test 2.5 per cent.	Uterus emptied by dilatation of cervix and digital evacuation		L.	Death 4 mos. afterwards from myocardial degeneration.

CESAREAN SECTION. CONTRACTED PELVIS.

No.	Age	Previous labours	Matu- rity	Measurements				Labour	Child			Result		Remarks
				I.S.	I.C.	E.C.	D.C.		Weight	Length		M.	C.	
332	34	1 N.L.(SB) 1 Ind. (SB)	Wks. 40	10	11½	8½		No.	lb. oz. 8 7	in. 22		L.	L.	Head would not enter pelvis
343	32	1 Ab.	40	8½	9½	7½		No.	7 7½	19½		L.	L.	" "
443	37	2 Cres. (1L) 1 Ab.	40	10½	11½	6½	3¾	No.	8 4	?		L.	L.	" "
718	32	0	40	—	—	—	—	No.	6 15	?		L.	L.	Contracted outlet.
890	29	1 Ab.	40	9½	11	8½	3¾	No.	7 7	20½		L.	L.	Myomectomy also.

CESAREAN SECTION. OTHER CAUSES.

No.	Age	Previous labours	Matu- rity	Indication	Labour	Child			Result		Remarks
						Weight	Length		M.	C.	
180	35	0	Wks. ? 38	Breech, elderly primi- gravida, version failed	No.	lb. oz. 4 2	in. ?		L.	L.	
E177	35	4 N.L. 1 Ab.	35	Mitral stenosis and neph- rolithiasis (condition deteriorating)	No.	4 9	?		D.	L.	Also sterilisation. Death from broncho-pneumonia.
219	39	0	37	Cervical fibroid	1st stage 9 hours	6 5	19		L.	L.	

ABDOMINAL HYSTEROTOMY.

No.	Age	Para	Matu- rity	Indication	Result to mother	Remarks
E940	25	0	? 20	Hydatidiform mole. Bag induction failed. (Hysterotomy 2 days later)	D.	Mitral stenosis (Q.v.), 5 weeks in ward before induction. Death from peritonitis.
E1108	26	2	12	Mitral stenosis with early failure, and bad exercise tolerance	L.	Also sterilisation, 3 weeks in ward before operation.

EMBRYOTOMY. 3 CASES, 2 BOOKED, 1 EMERGENCY.

No. booked	Age	Para	Maturity	Condition	Treatment	Labour	Mother	Weight of child	Remarks
64	26	3	40	Hydrocephalus	Perforation of head. Spontaneous delivery	55 hours	L.	lb. 7 oz. 10	Puerperium normal.
E574	42	0	40	Transverse lie, memb. ruptured 25 hrs., fetus dead, cervix $\frac{3}{4}$ dilated	On admission: Internal version, legs pulled down; 9½ hours later: ex. found $\frac{3}{4}$ dilated, delivery for maternal distress, right arm brought down, left arm cut off and removed, head perforated, delivery by traction	4 days	L.	5 0	Contraction ring found during second part of treatment made embryotomy necessary. Placenta expressed by Crédé's method after 50 min. Fibroids in uterus. Puerperium not morbid.
1104	27	3	40	Ad. in 1st stage. Examination after 4 hours of 2nd stage showed brow presenting	Attempted conversion to vertex and to face, and forceps delivery failed. Fœtal heart could not be heard. Perforation, extraction with cephalotribe failed. Version, and delivery as breech	1st stage, 8 hours second stage, 7 hours.	L.	6 11	Antenatal admission at 38th week for mild albuminuria, external version (Sto V) performed. Cause of failure to extract after perforation was contraction ring. Puerperium morbid (uterine infection)

MANUAL REMOVAL OF PLACENTA.

No.	Age	Para	Maturity	Labour	Third stage	Indication	Result		Morbidity	Remarks
							M.	C.		
189	29	0	29	Induction failed ; accouchement forcé	—	Pre-eclampsia	L.	D.	Nil	Manual removal done as final stage of accouchement forcé
E478	26	0	40	Forceps	3 hours	Excessive hæmorrhage	L.	L.	Uterine infection	Expression by Crédé's method, and pituitrin, 2 units, intravenously failed.
1017	34	0	40	Normal	4½ "	Adherent, with slight continuous hæmorrhage	L.	L.	Uterine infection	Total loss of blood excessive.

MATERNAL MORBIDITY.

Morbidity standard.

(1) Temperatures are normally taken twice daily, at 6 a.m. and 6 p.m., with a thermometer in the patient's mouth. If the temperature reaches the morbidity standard it is taken 4- or 6-hourly, as seems indicated.

(2) A patient is considered morbid when a temperature of 100.4° is maintained for a full 24 hours, or when a temperature of 100.4° occurs twice in the puerperium.

(3) The puerperium is taken as 21 days, excluding the first 24 hours after delivery, when a rise of temperature may be due to "reaction."

(4) All deaths are included.

(5) Morbid temperatures in cases of abortion are not included, any deaths occurring in early pregnancy or abortion are mentioned below, but not included in the morbidity rates.

Morbidity of patients delivered in hospital. Puerperal sepsis.

		Booked	Emergency
1	Death (pneumococcal septicæmia)	1	0
16	Uterine infection	11	5
1	Infected cervical tear	1	0
1	Pelvic cellulitis	1	0
19	Totals	14	5
<i>Sepsis rate in booked cases (875 deliveries) 1.60 per cent.</i>			
<i>,, in total cases (928 ,,) 2.05 ,,</i>			

Deaths of patients delivered in hospital. Not due to sepsis.

		Booked	Emergency
1	Calculus in ureter, pyelonephritis, septicæmia	1	0
3	Post-partum collapse	2	1
1	Post-operative pneumonia	0	1
5	Totals	3	2
<i>Mortality in booked cases (4 deaths in 875 deliveries) 4.57 per 1,000</i>			
<i>,, in total cases (6 ,, 928 ,,) 6.46 ,,</i>			

Deaths not included in above figures (emergency cases).

- 1 Hydatidiform mole, post-operative peritonitis.
- 1 Abortion, cortical necrosis of kidneys.
- 1 Post-natal admission for pneumococcal peritonitis.

Puerperal pyrexia (not septic).

		Booked	Emergency
1	Death, pyelonephritis and septicæmia (included in last Section)	1	0
17	Pyelitis	14	3
4	Influenza	4	0
4	Bronchitis	4	0
3	Pulmonary tuberculosis	3	0
4	Mastitis and breast abscess	4	0
1	Pneumonia	1	0
1	Otitis media	1	0
1	Tonsillitis	1	0
1	Secondary syphilis	1	0
1	Constipation	1	0
1	Eclampsia, cause of pyrexia doubtful	0	1
38	Totals	34	4

<i>Morbidity</i> in booked cases (51 in 875 patients) ..	5.83 per cent.
in total cases (62 in 928 patients) ..	6.68 ..

Methods of delivery in morbid cases.

33 Spontaneous labour and delivery (32 booked, 1 emergency)	2 deaths (post-partum collapse, 562 and 612). 5 puerperal sepsis (includes 1 manual removal of placenta). 8 pyelitis. 18 other causes.
17 Forceps delivery .. (12 booked, 5 emergency)	2 deaths (311 from sepsis, 160 from renal infection). 8 puerperal sepsis (includes 1 manual removal of placenta). 5 pyelitis (includes 1 after-coming head, and 1 bougie induction). 2 other causes.
8 Breech presentation .. (6 booked, 2 emergency)	1 death (mitral stenosis, post-partum collapse). 2 puerperal sepsis (1 concealed A.P.H., 1 placenta prævia). 4 pyelitis (includes 1 forceps delivery of head). 1 bronchitis.
2 Transverse lie .. (emergency)	1 puerperal sepsis (delivery by version and embryotomy). 1 pyelitis (delivery by version).
1 Brow presentation ..	Uterine infection (craniotomy and version).
1 Cæsarean section ..	Post-operative pneumonia and death.
2 Bougie induction ..	1 puerperal sepsis. 1 pyelitis (also forceps delivery).

Morbidity of patients admitted after delivery.

From district—4 Uterine infection.	
1 Uterine infection and infected perineal tear.	
1 Influenzal pneumonia.	
1 Pyelitis and <i>B. coli</i> septicæmia.	
1 ? Retention of lochia (uterine culture sterile).	
Readmitted after hospital delivery in 1928	1 breast abscess.
Delivered at home by private doctor ..	1 pneumococcal peritonitis (died). 1 uterine infection. 1 infected perineal tear.

MATERNAL DEATHS—9.

Of these 4 were definitely booked cases who had attended the antenatal department; 3 were definitely emergency cases, 1 delivered before admission, 2 shortly after admission, and all dying within a week of admission; 2 were admitted as emergency cases, sent in by a private doctor, and were respectively five and six weeks in the wards before delivery. Three of the deaths (1 in each of the above classes) were due to sepsis.

No. 160 (booked). *Calculus in ureter, pyelonephritis, septicæmia.*

Aged 30, primigravida. Admitted in labour at term. Had some pain in back during pregnancy. Forceps delivery for foetal distress. First definite abnormality was a temperature of 104.2° on the 2nd day. Temperature on next three days was 100° to 101°. On 6th day, rigor and temperature 107.2°, tenderness

in left loin, and pus and *Bacillus coli* in urine. On 7th day, intrauterine culture taken (sterile), blood-culture taken (*Bacillus coli*, 3 organisms per 1 c.c.) An alkaline mixture, for pyelitis, was given; the patient had a high temperature and a rigor on the 2 succeeding days and died 8 days after delivery. Baby lived.

Post-mortem. Pyelonephritis of left kidney, calculus impacted in lower end of left ureter. Acute hæmorrhagic broncho-pneumonia. (P.M. 54.)

No. 311 (booked). *Pneumococcal septicæmia and endometritis.*

Aged 30, primigravida. Did not attend antenatal clinic when requested, and had not been seen for 9 weeks when she came into labour, she was then by dates 4 weeks post-mature. She was 2 days in labour on the district, attended by students and house surgeons, forceps were applied when second stage had lasted 5 hours (occipito-posterior position manually rotated), but failed to deliver. Patient admitted and delivered by forceps in hospital. Temperature 103° on 2nd day. Intrauterine and blood-cultures both showed pneumococcus type I (2 per 1 c.c. in blood). Treatment by pneumococcal serum. Patient died after 5 days. Baby lived (9 lb. 14 oz., 22½ in.).

Post-mortem refused.

No. 562 (booked). *Anæmia, post-partum hæmorrhage and collapse.*

Aged 29, primigravida. Spontaneous labour with twin pregnancy at about 36½ weeks. First child born 6 hours after onset of labour, 2nd 1½ hours after first. Third stage 25 min. slight hæmorrhage, placenta and membranes complete. Collapse 8 hours after delivery (no hæmorrhage), death in 1 hour. Children lived.

Post-mortem.—Body almost bloodless, uterus contained 5 oz. clot, otherwise normal. (P.M. 160.)

There was definitely no excessive hæmorrhage after delivery, and the patient appeared quite fit for the first 8 hours. It seems necessary to assume some undiagnosed ante-partum anæmia.

No. 612 (booked). *Post-partum collapse.*

Aged 34, primigravida. Spontaneous labour and delivery at term 2 hours after admission. Placenta did not separate; attempts at expression, made after 3rd stage had lasted 1½ hours, failed. Only moderate loss of blood. Ether given 2½ hours after delivery, placenta finally expressed by Crédé's method 3¾ hours after delivery, no hæmorrhage before or after this. Subcutaneous saline given for collapse (moderate degree). Death 5½ hours after delivery of child. Baby lived.

Post-mortem. No signs of anæmia due to hæmorrhage. No puerperal laceration. All organs normal. (P.M. 168.)

No. 177 (Emergency, in ward 6 weeks before delivery). *Post-operative pneumonia.*

Aged 35, 5-para. Mitral stenosis with moderate failure which cleared up with rest. History of bilateral nephrolithiasis, for which she had had 8 operations. Definite renal deficiency shown by urea concentration test. Blood-pressure and blood-urea normal. Cæsarean section and sterilisation at 35 weeks (condition of patient was then deteriorating). Death from broncho-pneumonia on sixth day. Baby lived.

Post-mortem refused.

No. 940 (Emergency, in ward 5 weeks before induction). *Post-operative peritonitis.*

Aged 25, primigravida. Mitral stenosis, no failure. Hydatidiform mole. No toxic signs. Attempted bag induction at ? 20 weeks (uterus size of 28 weeks). Bag induction failed. Very severe hæmorrhage occurred while bag was still in

uterus; pulse 170. Uterus emptied by abdominal hysterotomy. Blood transfusion during operation. Death after 4 days (signs of peritonitis).

Post-mortem refused.

No. 144 (*Emergency*). *Pneumococcal peritonitis and septicæmia.*

Aged 30, 3-para. Admitted 4 days after delivery at home by private doctor (labour was 5 weeks premature and baby had died of unknown cause on second day). Immediate laparotomy for general peritonitis, normal appendix removed and abdomen drained. Pneumococcus type I grown in pure culture from uterus, peritoneum, and blood (18 organisms per 1 c.c.). Death occurred next day.

Post-mortem. General peritonitis, intrauterine infection, and fibrino-purulent pleurisy. (P.M. 67.)

No. 587 (*Emergency*). *Laceration of cervix and post-partum hæmorrhage.*

Aged 41, 9-para. Previous normal labours. Admitted to medical ward with mitral stenosis and slight aortic regurgitation, no failure. Spontaneous labour at 36 weeks, transferred to Obstetric Hospital. Breech presentation, extended legs and arms brought down, and head extracted by jaw and shoulder traction, fœtus dead-born. Severe hæmorrhage occurred, the placenta was expressed but the hæmorrhage continued, though the uterus was contracting well. Condition of patient was too bad to employ surgical means to control hæmorrhage. Death 3 hours after delivery.

Post-mortem. Blood thin and watery. Cervical laceration extending to lower uterine segment, but not seen on peritoneal surface. (P.M. 148.)

No. 1101 (*Emergency*). *Cortical necrosis of kidneys.*

Aged 33, 1-para (5½ mos. abortion). Admitted with external, and signs of concealed hæmorrhage, and delivered of a 22-weeks fœtus with placenta and retroplacental clot 4 hours later. Blood-pressure varied from 186 to 230 mm. Hg. Albuminuria 12/1000. Complete anuria after delivery for 4 days, passed 6 oz. urine on 5th day, death on 7th day. Blood-urea rose from 30 mg. per 100 c.c. on day of delivery to 255 mg. on the 5th day.

Post-mortem. Almost complete necrosis of cortex of both kidneys. Heart hypertrophied. Uterus normal. Microscopic sections showed signs of chronic nephritis. (P.M. 294.)

FETAL MORTALITY.

		Booked.	Emergency.
5	Antepartum death (macrated)	4	1
7	Intrapartum „ (macrated)	6	1
40	„ „ (dead and stillborn)	31	9
24	Neonatal „ (born in hospital)	21	3
3	„ „ (admitted after delivery)	3	0

The figures for intrapartum death include 3 cases where the fœtus was dead on admission (2 emergency, and 1 district case failed forceps on district, spontaneous delivery on admission).

Causes of antepartum death.

3 Antepartum asphyxia, 1 diabetes, 1 concealed accidental hæmorrhage (all delivered spontaneously).

CAUSES OF INTRAPARTUM DEATH AND METHODS OF DELIVERY.

Labour	Intra-partum asphyxia	Intra-cranial hæmorrhage	Placenta prævia	Other Causes	No post-mortem
Spontaneous occipito-anterior	6	—	1	1 Accidental hæmorrhage, 2 premature triplets	1
Breech	4	2	1	2 Injury to liver	2
Breech & forceps	1	—	—		1
Forceps (Vertex pres.)	7	—	—	2 Prolapsed cord, 1 eclampsia (1st of twins)	1
Version	1	—	1		—
Transverse lie + Version	2	1	—		—
Craniotomy	2	—	—	1 Hydrocephalus	—
Bougie induction	1	1	—		1

Anencephalic foetus, 2nd of twins (+ accidental hæmorrhage), 1 case.

CAUSES OF NEONATAL DEATH AND METHODS OF DELIVERY.

Labour	Prematurity	Pneumonia	Atelectasis	Spinal injury	Other causes	No post-mortem	Remarks
Spontaneous occipito-anterior	3	2	2	1	1 acute enteritis	1	See placenta prævia and eclampsia
Breech	2	—	—	—		1	See placenta prævia
Face	1	—	—	—		—	
Twins	4	—	—	—		1	See accid. hge. and eclampsia
Forceps	—	—	—	—	1 acute ulcer of stomach	—	
Bougie induction	—	1	—	1	1 ? intestinal obstruction	—	See contracted pelvis
Accouchement forcé	1	—	—	—			See albuminuria

MATERNITY DISTRICTS.

On the districts 792 patients were attended, 677 by students, and 115 by midwives. This is a decrease of 146 on the numbers for 1928.

STUDENTS' DISTRICTS. 677 CASES.

	Primiparæ	Multiparæ	Total
Occipito-anterior position	65	390	455
Occipito-posterior position:—			
Spontaneous rotation and delivery ..	7	27	34
Spontaneous rotation, forceps delivery ..	0	1	1
Manual rotation, forceps delivery ..	3	2	5
Spontaneous delivery face to pubes ..	1	6	7
Born before arrival (probably vertex) ..	5	149	154
" " " (stated to have been breech)	0	4	4
" " " (twins)	0	1	1
Breech presentation (not including B.B.A.)	0	7	7
Transverse lie	0	1	1
Twins (including one B.B.A.)	2	6	8
Abortion	0	1	1

Occipito-posterior position.

Spontaneous delivery face to pubes—all living babies.

Spontaneous rotation and forceps—living baby.

Manual rotation and forceps—3 primiparæ (1 SB, 2 living babies).

 " " " " 2 multiparæ (1 SB, 1 living baby).

Breech presentation.

4 Normal spontaneous delivery (all living children).

1 Extended legs and arms, spontaneous delivery (baby died).

1 Extended legs and arms brought down (living baby).

1 Extended arms brought down (stillbirth).

Transverse lie.

Internal version and delivery as breech (stillbirth).

Twins.

4 Both vertex presentation, 1 primipara, 3 multiparæ (living children).

1 First a vertex, second a breech, multipara (living children).

1 First a breech, second a vertex, multipara (living children).

1 First B.B.A., second transverse, internal version and delivery as breech (first baby lived, second stillborn).

1 Both foetuses born before arrival (living).

Prolapse of cord, 1 case, multipara.

Cord replaced, spontaneous delivery (living baby).

Forceps delivery, 12 cases (2 stillbirths).

Indications:—3 Long second stage, 2 primiparæ, 1 multipara (living children).

 1 Fœtal distress, multipara (living baby).

 1 Maternal distress, multipara (living baby).

 1 Occipito-posterior, spontaneous rotation and forceps, multipara (living baby).

 5 Occipito-posterior, manual rotation and forceps, 3 primiparæ (1 stillbirth, 2 living children), 2 multiparæ (1 stillbirth, 1 living baby).

 1 Indication not stated, multipara (living baby).

Mitral stenosis, 1 case, spontaneous delivery, normal puerperium.

Postpartum hæmorrhage, 6 cases, none of which were serious.

Carcinoma of lactating breast, 1 case, patient later admitted to surgical ward where she died 4 months after delivery (L172).

PART II.

GYNÆCOLOGICAL CASES

TOTAL ADMISSIONS, 455. DEATHS, 11.

No. 12. Aged 62. Carcinoma of cervix, Wertheim's hysterectomy. Death from shock.

No. 92. Aged 42. Carcinoma peritonei secondary to carcinoma of stomach, no operation.

No. 215. Aged 53. Carcinoma of cervix and pyometra. Radium and Wertheim's hysterectomy. Death from sepsis on 14th day.

No. 251. Aged 24. Mitral stenosis, admitted for sterilisation. Death from acute heart failure (no operation was performed).

No. 332. Aged 42. Carcinoma of cervix, radium. Death from streptococcal septicaemia on 35th day.

No. 339. Aged 56. Carcinoma of body of uterus and ovaries, bilateral salpingo-oophorectomy and subtotal hysterectomy. Death from pulmonary embolism on 14th day.

No. 391. Aged 48. Uterine fibroids. Subtotal hysterectomy and bilateral salpingo-oophorectomy. Intestinal obstruction on 21st day, operation after transfer to surgical ward. Death on 28th day.

No. 408. Aged 61. Prolapse, colpo-perineorrhaphy and excision of caruncle. Death from pulmonary embolism on 9th day.

No. 446. Aged 45. Carcinoma of colon, colostomy, intestinal obstruction, transfer to surgical ward on 38th day. Death.

No. 456. Aged 54. Carcinoma of body of uterus, secondaries in peritoneum, laparotomy. Death after 11 days.

No. 457. Aged 50. Endothelioma of peritoneum, laparotomy. Death next day.

I. DISEASES OF EXTERNAL GENERATIVE ORGANS.

1. *Leucoplakia.*

Palliative treatment, 199.

Excision, 385.

2. *Carcinoma.*

Excision with glands, 98, 241, 160.

3. *Cyst (doubtful origin).*

Excised, 261.

4. *Urethral Caruncle.*

Excision, 378.

Excision by cautery, 155, 177, 257, 278, 408, 415.

Diathermy, 101.

5. *Intact Hymen.*

Perineoplasty, 182.

6. *Lacerated Hymen with Hæmorrhage.*

Repair, 398.

7. *Complete Tear.*

No operation, 271.

Repair (satisfactory result), 130, 341, 342, 401.

(Not satisfactory), 140, 442.

II. DISEASES OF VAGINA.

1. *Vaginitis*.
Palliative treatment, 269.
2. *Foreign Body*.
Removed, 104.
3. *Polypus on Wall (removed)*.
Dilatation and curettage, 83.
4. *Rectal Fistula*.
Repaired, 211.
5. *Carcinoma (inoperable)*.
Radium treatment, 444.
6. *Bartholin Cyst*.
No operation, 5, 267.
Excision, 43, 108, 148, 454.
7. *Bartholin Carcinoma*.
Recurrence in glands, radium, 8.

III. DISEASES OF CERVIX UTERI.

1. *Chronic Cervicitis*.
Palliative treatment, 75.
2. *Erosion of Cervix*.
Amputation, 295.
Erosion scraped, 335, 423.
3. *Laceration*.
Repair, 38, 39, 47, 105, 118, 320, 376, 395, 431.
Amputation and curettage, 44, 45, 77, 114, 152.
4. *Mucous Polypus*.
Curettage, 11, 72, 126, 162, 225, 240, 242, 297, 317, 438, 441.
Curettage and amputation of cervix, 46, 102, 113, 180, 300, 329.
5. *Carcinoma*.
 - A. *Operable*.
Radium treatment, 246, 283, 305, 310, 450.
Radium and blood transfusion, 80.
Radium to cervix and excision of internal iliac glands, 248, 293, 298.
Radium and Wertheim's hysterectomy (satisfactory), 103, 186.
(Death), 12, 215.
 - B. *Inoperable*.
Untreatable, 354.
Radium treatment, 112 (also scirrhus of breast), 141, 179, 184, 196, 209, 220, 244, 316, 332 (death), 351, 375, 433.
 - C. *Recurrent Inoperable*.
Radium treatment, 18, 25.
 - D. *Old Radium Case admitted for Examination*.
No recurrence, 20, 206, 289, 357.
 - E. *Double Ureteric Fistula following Wertheim's Operation*.
No treatment, 56.

IV. DISEASES OF THE BODY OF THE UTERUS.

1. *Pyometra*.
Curettage and drainage, 6.
2. *Subinvolution*.
Palliative treatment, 1, 208.
Curettage, 13, 57, 99, 109, 166, 323, 372, 373, 430, 452.
Curettage and insufflation, 30.
Curettage and radium, 292.
3. *Chronic Metritis*.
Curettage, 72, 193, 439, 39.
Curettage and radium, 16, 50, 90, 118, 365, 428.
4. *Endometrial Polypus*.
Curettage, 326, 441.
5. *Fibroids*.
Palliative treatment, 84, 378, 440.
Refused operation, 268 (retention of urine).
Curettage, 71, 131, 144, 347, 349, 380, 411.
Curettage and radium, 143, 191, 207, 252, 333, 389, 392, 436, 445.
Fibroid polypus removed, 127, 176, 370, 409, 434, 449.
Fibroid polypus removed and radium treatment, 366.
Abdominal myomectomy, 22, 67, 125, 194, 210, 294, 336, 419.
Subtotal hysterectomy, 243, 250, 256, 275, 360, 420.
Subtotal hysterectomy and salpingo-oophorectomy, 51, 68, 86, 100, 119, 154, 185, 192, 217, 391, 396.
Total abdominal hysterectomy, 167, 288, 348.
Total abdominal hysterectomy and salpingo-oophorectomy 17, 62, 63, 106, 230, 284, 355, 394, 399, 407, 432.
Vaginal hysterectomy (patient had procidentia), 245.
6. *Adenomyoma Uteri*.
Hysterectomy, 437.
7. *Carcinoma of Body of Uterus*.
Curettage and total hysterectomy, 7, 55, 303, 306, 311.
Recurrence treated with radium, 117.
Laparotomy (general carcinomatosis of peritoneum), 456.
8. *Chorion-epithelioma*.
Total hysterectomy and salpingo-oophorectomy, 219.

V. ENDOMETRIOMA.

1. *Of Recto-vaginal Septum*.
Curettage and radium, 14, 238.
Curettage and excision of portion in posterior fornix, 78.
2. *Pelvic*.
Subtotal hysterectomy and salpingo-oophorectomy, 274.

VI. DISORDERS OF MENSTRUATION.

1. *Dysmenorrhœa*.
Dilatation, 304, 326, 406.
Dilatation and curettage, 204 (epilepsy), 309, 350, 234, 403, 410, 416.
Curettage and radium, 19, 36.

VI. DISORDERS OF MENSTRUATION—(continued).

2. *Menorrhagia.*

Palliative treatment, 70, 287, 384.

Curettage, 32, 59, 85, 120, 153, 259, 382, 400, 413, 422, 426.

Curettage and radium, 111, 114, 115, 136, 157, 390, 418.

3. *Menopausal Hæmorrhage.*

Delayed menopause, no treatment, 129.

Curettage, 73, 110, 236, 247, 312, 318, 371, 453, 455.

Curettage and radium, 232, 314.

4. *High Blood-pressure causing Menopausal Hæmorrhage.*

Palliative treatment, 205, 212, 327.

5. *Post-menopausal Hæmorrhage.*

No treatment, 158, 334.

Curettage, 137, 151, 161, 169, 229, 254, 315, 345, 397, 417.

6. *Amenorrhœa.*

Examination under anæsthesia, 21, 374.

VII. DISEASES OF OVARIES.

1. *Cystic Ovary.*

Salpingo-oophorectomy, 26, 106, 116, 319, 362.

2. *Fibroma.*

Oophorectomy, 31.

Bilateral salpingo-oophorectomy and hysterectomy, 448.

3. *Pseudo-mucinous Cystadenoma.*

Salpingo-oophorectomy, 202, 218.

4. *Serous Cystadenoma.*

Salpingo-oophorectomy, 132, 134, 183.

5. *Torsion of Cystadenoma.*

Salpingo-oophorectomy, 262.

6. *Dermoid Cyst.*

Salpingo-oophorectomy, 65, 322.

7. *Papillomatous Cystadenoma (simple).*

Bilateral salpingo-oophorectomy and subtotal hysterectomy, 86, 146, 147, 154, 188.

8. *Papillomatous Cystadenoma (malignant).*

Bilateral salpingo-oophorectomy and subtotal hysterectomy, 285, 339, 427.

9. *Infected Ovarian Cyst.*

Ovariectomy and drainage, 237.

10. *Ovarian Cyst (examination under anæsthesia).*

Operation refused, 231.

VIII. PELVIC PERITONITIS AND SALPINGITIS.

1. *Chronic Peritonitis.*

Palliative treatment, 42, 49, 58, 82, 87, 124, 149, 213, 221, 227, 233, 255, 258, 264, 277, 291, 296, 359, 388.

Curettage, 54, 88, 97, 353.

Salpingo-oophorectomy, 29, 41, 164, 447.

Salpingo-oophorectomy and subtotal hysterectomy, 340, 344, 437.

VIII. PELVIC PERITONITIS AND SALPINGITIS—(continued).

2. *Chronic Peritonitis and Retroversion.*

Palliative treatment, 3.

Salpingo-oophorectomy and Alexander Adams' operation, 2.

Salpingo-oophorectomy and Gilliam's operation, 379.

Gilliam's operation, 10.

3. *Hydrosalpinx.*

Salpingo-oophorectomy, 4, 405, 402.

Salpingo-oophorectomy and salpingostomy, 96, 189, 210

Salpingo-oophorectomy and total hysterectomy, 369.

4. *Pyosalpinx.*

Salpingo-oophorectomy, 307, 429.

Salpingo-oophorectomy and hysterectomy, 172, 368.

5. *Pelvic Abscess.*

Drainage per abdomen, 201.

6. *Tuberculous Salpingitis.*

Bilateral salpingo-oophorectomy, 346.

IX. ECTOPIC GESTATION.

1. *Palliative treatment*, 308.2. *Ampullary Pregnancy.*

Salpingectomy, 28.

Salpingo-oophorectomy and subtotal hysterectomy, 443.

3. *Cornual pregnancy excised with tubes*, 128.4. *Isthmic Pregnancy (ruptured).*

Salpingectomy, 133, 265.

X. DISPLACEMENTS.

1. *Retroversion.*

No treatment, 290.

Replacement under anaesthesia, 195.

Curettage, 15, 145.

Curettage, replacement and pessary, 159, 162, 168, 187, 225, 282, 313, 425.

Gilliam's operation 52, 74, 79, 93, 95, 105, 107, 263.

Gilliam's and myomectomy and oophorectomy, 67.

Gilliam's and sterilization, 95.

Gilliam's and colpo-perineorrhaphy, 85, 203, 458.

Alexander Adams' operation, 40, 343.

Plication of round ligaments, 116.

2. *Prolapse.*

Anterior colporrhaphy for cystocele, 190, 222.

Colpo-perineorrhaphy, 33, 38, 171, 270, 408.

Anterior colporrhaphy and colpo-perineorrhaphy, 46, 163, 173, 175, 181, 228, 235, 239, 280, 301, 325, 364, 377, 381, 383, 393, 451.

Curettage, anterior colporrhaphy and colpo-perineorrhaphy, 60, 135, 156, 197.

Amputation of cervix and anterior colporrhaphy and colpo-perineorrhaphy, 142, 150, 178, 198, 302, 331, 363.

Anterior colporrhaphy, colpo-perineorrhaphy and ventro-fixation, 226.

Vaginal hysterectomy, anterior colporrhaphy and colpo-perineorrhaphy, 245 (fibroids).

No operation, 48, 386, 424.

Ring pessary for prolapsed ovary, 231.

XI. STERILITY.

1. *Absolute Sterility.*

- Refused operation, 200.
- Insufflation, 24.
- Insufflation and dilatation, 27, 165, 321.
- Insufflation, dilatation and Hodge pessary, 313.
- Insufflation and curettage, 9, 15, 66, 353, 412.
- Lipiodol injection, 123, 253, 421.

2. *Relative Sterility.*

- Insufflation and curettage, 138, 249, 272, 404.
- Insufflation and amputation of cervix, 329.
- Insufflation and repair of cervix, 376.
- Salpingostomy, 2, 96, 189, 210.

XII. STERILIZATION.

For mitral stenosis, 260, 361.

XIII. CONGENITAL DEFORMITIES.

1. *Rudimentary Tubes, Ovaries covered with Peritoneum.*

Laparotomy, 273.

2. *Right Rudimentary Cornu (closed).*

Cornu excised with tube and ovary, 170.

3. *Partially Septate Uterus.*

Curettage, 439.

4. *Transverse Septum in Vagina (? congenital or inflammatory).*

Septum excised, 414.

XIV. DISEASES OF URINARY SYSTEM.

1. *Cystitis.*

Palliative treatment, 338.

2. *Incontinence of Urine.*

Palliative treatment, 37, 76.

3. *Foreign Body in Bladder.*

Transferred to surgeon, 81.

4. *Inoperable Carcinoma of Urethra.*

No treatment, 122, 286.

XV. DISEASES OF ALIMENTARY TRACT.

1. *Constipation*, 34, 53, 324.2. *Anal Fissure*, stretched, 413.3. *Hæmorrhoids.*

No treatment, 61.

Excision, 38.

4. *Carcinoma of Rectum.*

Transferred to surgical side, 276.

5. *Carcinoma of Colon.*

Colostomy, 446.

Cæcostomy, 356.

Entero-anastomosis, 223.

XV. DISEASES OF ALIMENTARY TRACT—(continued).

6. *Carcinoma of Stomach.*
Laparotomy, 69.
Paracentesis, 92.
7. *Typhoid Fever.*
Transferred to medical side, 387.

XVI. MISCELLANEOUS CONDITIONS.

1. *Abdominal Pain.*
No operation, 330, 337, 352, 435.
Laparotomy and appendicectomy, 216.
2. *Sacroiliac Pain following Labour.*
Manipulative treatment, 23.
3. *Pelvic Pain*
Examination under anæsthesia, 279.
4. *Gastric Neurosis.*
Palliative treatment, 121, 266.
5. *Abdominal Enlargement.*
Laparotomy, 358.
6. *Right Inguinal Hernia.*
Bassini's operation, 45.
7. *Ventral Hernia.*
Repair, 214.
8. *Diseases of the Breast.*
Fibro-adenoma excised, 355.
Carcinoma, transferred to surgical side, 73.
Scirrhus carcinoma and carcinoma of cervix, no operation on breast, 112.
9. *Lipoma of Back.*
Excision, 326.
10. *Sinus following Operation.*
Sinus scraped, 224.
11. *Endothelioma of Peritoneum.*
Laparotomy, 457.
12. *Perineal Boils.*
Incision, 64.
13. *Pulmonary Tuberculosis.*
Transfer to medical side, 299.
Laparotomy? tuberculous salpingitis, 94.
14. *Mitral Stenosis for Sterilization.*
Death from acute failure before operation, 251.
15. *Graves' Disease.*
Transfer to medical side, 424.

ROYAL EAR HOSPITAL REGISTRAR'S REPORT.

PREFACE.

THE Report from the IN-PATIENT Department of the Royal Ear Hospital is arranged in a similar manner to that of 1928. The Report consists of a classified table of diseases of the Ear, Nose and Throat, followed by an appendix, in which cases are grouped according to the type of treatment adopted. They are arranged under the initials of the Honorary Surgeons with their in-patient numbers in the Hospital Register, except for tonsil and adenoid patients, where the total number of cases under each Surgeon is alone given.

D. F. A. NEILSON,

Registrar, Royal Ear Hospital.

Patients admitted in 1929 = 1,317

Patients remaining in Hospital on December 31st 1929, and therefore not included in the following table = 33.

CLASSIFIED TABLE OF DISEASES OF THE EAR, NOSE
AND THROAT—IN-PATIENTS ONLY.

Diseases	Total	Discharged		Died	
		M	F	M	F
DISEASES OF THE EAR.					
Diseases of external ear--					
Furunculosis	6	3	3	—	—
Epithelioma of auricle	2	1	1	—	—
Foreign body	2	2	—	—	—
Congenital malformation	1	1	—	—	—
Diseases of the middle ear—					
Acute suppurative otitis media	23	8	15	—	—
Acute suppurative otitis media with mastoid complication	42	22	20	—	—
Chronic suppurative otitis media	12	5	7	—	—
Chronic suppurative otitis media with mastoid complication	42	16	26	—	—
Intracranial complications of mastoid disease—					
Acute mastoiditis with suppurative meningitis	3	—	1	2	—
Chronic suppurative labyrinthitis	1	—	1	—	—
Acute laybrinthis and pneumonia	1	—	—	1	—
Acute suppurative labyrinthitis	1	1	—	—	—
DISEASES OF THE NOSE.					
Diseases of external nose—					
Fracture	5	4	1	—	—
Abscess	1	1	—	—	—
Foreign bodies	2	1	1	—	—
Epistaxis	1	1	—	—	—
Hypertrophic rhinitis	11	4	7	—	—
Deflected septum	62	41	21	—	—
Deflected septum and chronic tonsillitis	73	40	30	—	—
Deflected septum and enlarged turbinals	38	21	17	—	—
Lachrymal obstruction	1	—	1	—	—
DISEASES OF ACCESSORY NASAL SINUSES.					
Acute frontal sinusitis	8	5	3	—	—
Chronic frontal sinusitis	10	6	4	—	—
Chronic maxillary sinusitis	33	11	22	—	—
Chronic ethmoiditis	36	13	23	—	—
Multiple sinusitis	3	2	1	—	—
Sarcoma of ethmoid	1	1	—	—	—
Carcinoma of ethmoid	4	2	2	—	—
Endothelioma of ethmoid	1	—	—	1	—

Diseases	Total	Discharged		Died	
		M.	F.	M.	F.
DISEASES OF PHARYNX AND NASO-PHARYNX.					
Adenoids	12	6	6	—	—
Tonsils and adenoids	706	308	398	—	—
Tonsils and post-operative hæmorrhage ..	13	8	5	—	—
Tonsils and adenoids and hypertrophic rhinitis	29	9	20	—	—
Cervical adenitis and tonsils and adenoids	1	1	—	—	—
Retropharyngeal abscess	3	1	2	—	—
Lymphosarcoma of tonsil	1	—	1	—	—
Carcinoma of tonsil	1	1	—	—	—
Sarcoma of naso-pharynx	2	1	1	—	—
DISEASES OF THE ŒSOPHAGUS.					
Foreign bodies	4	3	1	—	—
Œsophageal stricture (simple)	1	—	1	—	—
Carcinoma of œsophagus	3	2	1	—	—
DISEASES OF THE LARYNX AND BRONCHI.					
Chronic laryngitis	1	—	1	—	—
Laryngeal tubercle	2	2	—	—	—
Tumours of vocal cord—					
Papilloma	2	—	2	—	—
Fibroma	1	—	1	—	—
Intrinsic carcinoma of larynx	4	3	—	1	—
Extrinsic carcinoma of larynx	1	1	—	—	—
Foreign bodies in larynx	1	1	—	—	—
Foreign bodies in bronchi	2	1	1	—	—
MISCELLANEOUS.					
Rodent ulcer	2	1	—	—	1
Teething	1	1	—	—	—
Spasmodic torticollis	1	—	1	—	—
Alimentary glycosuria	1	—	1	—	—
Maxillary cyst	1	—	1	—	—
Lobar pneumonia	3	3	—	—	—
Bronchitis	2	1	1	—	—
Leucoplakia of tongue	1	1	—	—	—
Tubercular cervical adenitis	1	—	1	—	—
Pyrexia of unknown origin	2	—	2	—	—
Facial palsy	1	—	1	—	—
Basal metabolism estimation	1	—	1	—	—
Epithelioma of alveolar margin	1	1	—	—	—
Carcinoma of thyroid	1	—	1	—	—
Unfit for operation. Discharged	1	—	1	—	—

APPENDIX.

[The letter preceding each number is the initial of the surgeon in whose case sheets the record of the case may be found.]

T. = Mr. Herbert Tilley.
H. = Mr. G. Seccombe Hett.
P. = Mr. E. A. Peters.
K. = Mr. H. A. Kisch.
O'M. = Mr. J. F. O'Malley.

DISEASES OF THE EAR.

DISEASES OF THE EXTERNAL EAR.

External Otitis.

T. 678. Subsided.

Furunculosis.

T. 913. Incised. 1099.

H. 820. Incised.

945. Incised.

P. 838. Subsided.

Post-auricular Abscess.

K. 1044 (Gland abscess—incised and drained).

O'M. 685 (Incised).

Foreign Bodies.

P. 107. Piece of rubber removed under general anæsthetic from left external auditory meatus.

O'M. 930 Tooth in left meatus. Nil found.

Congenital Malformation Right Auricle.

H. 483. Attempt to form a meatus. Failed.

Epithelioma of Auricle.

O'M. 902. Radium

Carcinoma of Auditory Meatus.

P. 643. Radical excision.
Radium

DISEASES OF THE MIDDLE EAR.

ACUTE SUPPURATIVE OTITIS MEDIA.

Paracentesis.

T. 112, 373, 374, 963, 1030, 1231.

P. 131, 855.

K. 1178.

O'M. 118, 240, 1075, 1198.

Admitted for Observation—No operation.

T. 755.

H. 21, 103, 146 (Tonsils and adenoids removed).

P. 574 (Tonsils and adenoids removed).

K. 698, 839.

O'M. 204, 613, 1247.

ACUTE SUPPURATIVE OTITIS MEDIA WITH MASTOID COMPLICATION.

Schwartz Operation.

- T. 368, 529, 567, 631 (Lateral sinus and dura exposed).
724 (Facial palsy).
732, 793 (Labyrinthine sign—subsided).
1210.
- H. 266 (Generalized osteomyelitis—Extra dural abscess found).
394 (Subperiosteal abscess).
586, 1115, 1119.
- P. 91, 149, 548, 550.
- K. 205, 362 (muscle graft).
456.

Bilateral Schwartz Operation.

- T. 237.

Conservative Operation.

- T. 950, 1100.
- H. 1132, 1142.
- P. 781.
- K. 1042, 1045.

Cortical Mastoid Operation.

- T. 306, 894 (Facial palsy).
- K. 895.

Antrotomy.

- K. *1212 (1928).

Admitted for Observation—No operation.

- T. 1156.
- P. 978.

* Patients admitted in 1928 (with 1928 in-patient number), but discharged in 1929, and therefore included in 1929 Report.

SUBACUTE MASTOIDITIS WITH SUPPURATION.

Schwartz Operation.

- T. 419.
- H. 1002 (Extensive Schwartz operation).
- O.M. 339.

Cortical Mastoid Operation.

- T. 73.
- O.M. 156.

Admitted for Observation.

- H. 90 (Tonsils and adenoids removed)
- K. 938 (Recurrence subsided).

Re-opening Mastoid.

- H. 998.

CHRONIC SUPPURATIVE OTITIS MEDIA.

Removal of Polypus.

P. 16.

O.M. 209, 463, 549.

Admitted for Observation—No Operation.

H. 198, 199.

P. 254, 534, 702, 1114.

O'M. 267.

O'M. *1217 (1928).

* Patients admitted in 1928 (with 1928 in-patient number) but discharged in 1929, and therefore included in 1929 Report.

CHRONIC SUPPURATIVE OTITIS MEDIA WITH MASTOID COMPLICATION.

Radical Operation.

T. 282, 388 (Polypoid material removed).

417, 442, 461, 488 (Polypi in autrum).

652, 656 (Re-opening).

717 (Re-opening—stenosed meatus).

720 (Extra-dural abscess).

766, 799, 1206.

1235 (Re-opened).

H. 356, 455, 742, 860, 918, *1211 (1928).

*Patients admitted in 1928 (with 1928 in-patient number), but discharged in 1929, and therefore included in 1929 Report.

K. 470, 872 (Temporal muscle graft).

900, 966, 1168 (Temporal muscle graft).

1213 (Right radical operation 1928. Re-opened).

O'M. 66, 320 (Sinus repaired).

Modified Radical Operation.

K. 70 (Muscle graft).

Conservative Mastoid Operation.

H. 908, 1097 (Readmitted—secondary suture).

P. 503, 628.

K. 272, 947 (Muscle graft).

O'M. 815.

Schwartz Operation.

K. 133.

Old Mastoid Fistula.

P. 441.

Mastoid Sinus.

H. 482 (Secondary suture).

Fibroma on Scar.

T. 824 (Fibroma removed).

Admitted for Observation.

H. 493 (Aural polypus removed).

INTRACRANIAL COMPLICATIONS OF MASTOID DISEASE.

Acute Suppurative Meningitis.

T. 449.

H. 853 (Died).

K. 316 (Died).

Acute Suppurative Labyrinthitis.

K. 1131 (Tubercular patient).

Polypus.

P. 929.

Labyrinthine Signs.

T. 985 (Right radical mastoid. Developed labyrinthine signs. Broncho-pneumonia. Died).

DISEASES OF THE NOSE.

DISEASES OF THE EXTERNAL NOSE.

Fracture.

T. 1179.

H. 677, 880, 1255.

K. 703.

Abscess on Nose.

P. 1153. Abscess opened. Infective hæmatoma.

Foreign Bodies.

P. 277.

K. 841.

Epistaxis.

O'M. 354.

HYPERTROPHIC RHINITIS.

Middle Turbinectomy.

T. 515.

1285 (Partial bilateral. Ethmoids curetted).

H. 422.

P. 1087.

1144 (Partial).

K. 274, 1185 (Curetting of middle turbinals).

O'M. 97.

Inferior Turbinectomy.

T. 1149 (Bilateral).

1202.

K. 324.

Acute Rhinitis.

K. 1593.

DEFLECTED SEPTUM.

Submucous Resection.

T. 28, 54, 164, 169, 195, 264, 389, 415, 418, 448 (traumatic), 517, 539, 893, 921, 1041, 1175, 1287.

H. 32, 60, 453, 545, 547, 583, 595 (traumatic), 651, 697, 737, 957, 958, 990, 1071, 1092, 1258

P. 200, 348, 681, 758, 946.

K. 14 (Ethmoidal cells opened).

357, 370, 372, 556, 1019.

O'M. 11, 499 (traumatic), 553, 584, 642, 697, 848, 934, 935, 1017, 1022, 1183, 1270.

DEFLECTED SEPTUM AND HYPERTROPHIC RHINITIS.

O'M. 1242 (Ethmoids curetted. Partial bilateral mid-turbinectomy. Submucous resection).

DEFLECTED SEPTUM AND CHRONIC LARYNGITIS.

O'M. 39 (Submucous resection).

Deflected Septum—No operation.

T. 1204.

P. 225.

DEFLECTED SEPTUM AND CHRONIC TONSILLITIS.

Submucous Resection and Enucleation of Tonsils.

T. 1284.

H. 93, 173, 174, 654.

P. 1, 2, 3, 17, 50, 52, 77, 79, 80, 81, 111, 135, 228, 256, 257, 278, 328, 329, 347, 382, 410, 411, 443, 512, 531, 644, 680, 797, 850, 883, 885, 941, 1064, 1139, 1169, 1173, 1190, 1245.

K. 45, 187, 220, 221, 276, 293, 322, 603, 646, 1028, 1050, 1052, 1076, 1195, 1197, 1210, 1212, 1219.

O.M. 41, 100, 155, 425, 427, 429, 460, 969, 1049, 1056.

SEPTUM AND TURBINATES.

T. 6, 886.

H. 92, 94, 176, 452, 495, 496, 543.

P. 76, 345, 1088.

K. 13, 321, 1028, 1134.

O.M. 38, 40, 244, 245, 319, 500, 501, 554, 555, 598, 601, 649, 872, 876, 877, 937, 1051, 1082, 1111, 1211, 1238, 1266.

LACHRYMAL OBSTRUCTION.

P. 343 (left intranasal dacryocystotomy).

DISEASES OF ACCESSORY NASAL SINUSES.

ACUTE FRONTAL SINUSITIS.

Removal of Turbinals.

T. 196 (Cystic mid-turbinal removed).

P. 255 (Amputation of anterior end R. mid-turbinal).

K. 318 (Amputation of anterior end R. mid-turbinal).

Intra-nasal Operation.

P. 573. With cellulitis.

O.M. 1011.

No Operation.

T. 247.

K. 756.

O.M. 235.

CHRONIC FRONTAL SINUSITIS.

Intranasal Operation.

H. 120.

P. 51.

162 (Septal spur removed. Fronto-nasal ducts enlarged).

379 (Amputation anterior ends mid-turbinals, fronto-nasal duct enlarged).

440 (Also ethmoiditis).

CHRONIC FRONTAL SINUSITIS—(continued).

External Operation.

- H. 248, 915.
 K. 436 (Also ethmoiditis—marked secondary hæmorrhage).
 873.

CHRONIC MAXILLARY SINUSITIS.

Intranasal Operation.

- T. 144, 593, 615.
 H. 150, 232, 395.
 P. 439, 675, 1145, 1256 (Both antra contained pus).
 K. 128, 526, 640.
 O'M. 782.

Caldwell Luc Operation.

- T. 1150 (Chronic ethmoiditis).
 1286.
 H. 314 (Antrum full of polypi and pus).
 481, 581, 988.
 P. 778 (Tooth removed from right antrum).
 K. 185, 434, 435, 467, 645, 847, 1108, 1276.

Denker's Operation.

- P. 137 (Bilateral modified Denker's operation).

CHRONIC ETHMOIDITIS.

Polypi Removed and Ethmoidal Cells Opened.

- T. 5, 233, 489, 491, 606, 1127, 1176, 1223, 1241.
 H. 33, 664, 1124, 1151, 1279.
 P. 530, 608, 711, 821.
 K. 249, 676.
 O'M. 123, 214, 291, 405, 487, 600, 789, 1021, 1161.

External Ethmoid Operation.

- H. 831.
 T. 1205 (suppurative).

Intra-nasal Operation.

- H. 914.

CHRONIC SPENOIDAL SINUSITIS.

- T. 263, 307.
 P. 1121.
 K. 437.

CHRONIC MULTIPLE SINUSITIS.

Intra-nasal Operation.

- P. 564.
 O'M. 180

NASAL POLYPUS.

- O'M. 992 (Removed).

CHOANAL POLYPUS.

- P. 1031 (Caldwell Luc operation and removal of polypus).

CARCINOMA OF ETHMOID AND ANTRUM.

H. 1091. Radium.

K. 624. Radium.

P. 1193. Epithelioma of alveolus involving antrum. Radium.

O'M. 424. Radium.

SARCOMA OF ETHMOID AND ANTRUM.

P. 504.

ENDOTHELIOMA OF ETHMOID.

H. 1248 Removal of eye. External Ethmoidectomy. Orbit full of growth. Died.

DISEASES OF PHARYNX AND NASO-PHARYNX.

ADENOIDS.

T. 168, 192, 589, 653, 741, 959, 1037.

H. 355, 687

P. 327.

K. 127.

O'M. 871.

SARCOMA OF NASO-PHARYNX.

T. 610. Radium.

H. 599.

TONSILS AND ADENOIDS.

T. 173 cases.

H. 148 „

P. 147 „

K. 115 „

O'M. 122 cases

TONSILS. POST-OPERATIVE HEMORRHAGE.

T. 315, 923

H. 259, 397, 544, 794, 951.

P. 572, 710.

K. 361, 1064.

O'M. 401, 497.

TONSILS AND CERVICAL ADENITIS.

O'M. 639. Broken down gland. Aspirated 3 times.

LYMPHOSARCOMA OF TONSIL.

H. 704. Radium.

CARCINOMA OF TONSIL.

O'M. 341. Radium.

RETROPHARYNGEAL ABSCESS,

H. 823.

O'M. 479, 665.

TONSILS AND MIDDLE TURBINALS.

- T. 7, 24, 721, 763.
 H. 494.
 P. 20, 78, 108, 136, 189, 227, 330, 381, 487, 532, 533, 881, 884, 910, 944, 974, 1062, 1116, 1172, 1196, 1221.
 O'M. 181, 317, 1307.

DISEASES OF THE LARYNX AND BRONCHI.

CHRONIC LARYNGITIS.

- T. 478.

TUBERCULOUS LARYNGITIS.

- P. 605.
 O'M. 731.

TUMOURS OF LARYNX AND VOCAL CORDS.

- Papilloma. Vocal Cord.
 K. 666. Removed.
 O.M. 1086. Removed by direct endoscopy.

FIBROMA.

- T. 891. Vocal cord. Removed via direct Jackson's laryngoscope.

INTRINSIC CARCINOMA OF LARYNX.

- T. 26, 590. Radium.
 609. Radium. Pneumonia. Death.
 K. 630. Radium.

EXTRINSIC CARCINOMA OF LARYNX.

- T. 514.

FOREIGN BODIES.

- H. 509. Foreign body in larynx. Removed by direct laryngoscopy.
 K. 622. ? Bronchoscopy. Nil. Old case of carcinoma of thyroid.

FOREIGN BODIES IN BRONCHUS.

- K. 1042. Tooth in bronchus. Bronchoscopy 3 times. Broncho-pneumonia. Transferred.

DISEASES OF THE ŒSOPHAGUS.

FOREIGN BODY.

- T. 71. Œsophagoscopy. Removal of pin.
 402. Removal of farthing.
 714. Rabbit bone? Œsophagoscopy. No evidence.
 1288. Rabbit bone? Œsophagoscopy. No evidence.

ŒSOPHAGEAL STRICTURE.

- H. 95. Œsophagoscopy. Dilatation of stricture. Fibrous stricture following diathermy at another hospital.

CARCINOMA.

- T. 57. Oesophagoscopy. Transferred.
 H. 265. Post cricoid carcinoma. Direct examination.
 O'M. 695. Soft smooth protrusion from post-oesophageal wall, post-cricoid region. For observation.

MISCELLANEOUS

- T. 241. Teething. Sent in as mastoid.
 T. 414. Spasmodic torticollis.
 T. 661. Alimentary glycosuria.
 T. 805. Maxillary cyst. Anterior wall of cyst removed.
 T. 1228. Leucoplakia of tongue. Removed with cautery.
 H. 35. Lobar pneumonia.
 H. 246. Rodent ulcer. Removal. Death.
 H. 454. Tubercular cervical adenitis. Removal of 3 glands.
 H. 1264. Pyrexia of unknown origin.
 H. *1131 (1928). Acute pneumonia. Blood transfusion.
 P. 701. Rodent ulcer. Excision
 P. 1278. Epithelioma of alveolar margin.
 K. 236. Facial palsy.
 K. 485. Carcinoma of thyroid. Radium.
 K. 1015. Bronchitis and asthma.
 O'M. 154. Unfit for operation. Discharged.
 O'M. 442. Basal metabolism estimation.
 O'M. 931. Broncho-pneumonia.
 O'M. *1187 (1928). Bronchitis.
 O'M. *1216 (1928). Pyrexia of unknown origin.

*Cases admitted in 1928 (with 1928 in-patient number), but discharged in 1929 and therefore included in 1929 Report.

REPORT OF OPHTHALMIC REGISTRAR FOR 1929.

INJURIES AND DISEASES OF OPHTHALMIC IN-PATIENTS.

No. of cases treated 93, 14 of these by readmission.
Of these 52 were females,
37 were males,
4 were children.

DISEASES OF LENS.

Cataract.

(a) Congenital	2
(b) Senile	20
(c) Secondary	2

Injury to Lens.

Traumatic dislocation	1
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DISEASES OF CORNEA.

Phlyctenular keratitis	2
Ulcer	5
Ulcer with hypopyon	2
Interstitial keratitis	1
Staphyloma	1
Perforating injury	2

DISEASES DUE TO INCREASE OF TENSION.—GLAUCOMA.

Acute	2
Subacute	0
Chronic	4
Secondary	1

DISEASE OF IRIS AND CILIARY BODY.

Iritis	7
Cyclitis	1
Irido-cyclitis	5

DISEASE OF RETINA.

Detachment of retina	..	..	..	..	..	..	..	3
Neuro-retinitis	..	..	..	..	..	..	..	1
Toxic amblyopia	..	..	..	..	..	..	..	1
Retinitis circinata	..	..	..	..	..	..	..	1
Hæmorrhage	..	..	..	..	..	..	..	1

DISEASE OF OPTIC NERVE.

Atrophy	..	..	..	..	..	..	..	1
Papillœdema	..	..	..	..	..	..	..	2

DISEASE OF CONJUNCTIVA.

Conjunctivitis	..	..	..	..	..	..	..	1
Lipoma	..	..	..	..	..	..	..	1

DISEASE OF LACRYMAL APPARATUS.

Mucocele	..	..	..	..	..	..	..	5
Acute dacryocystitis	..	..	..	..	..	..	..	1

NON-PENETRATING INJURY.

Hyphœma	..	..	..	..	..	..	..	1
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DISEASES OF ORBIT.

Inflammatory tumour of orbit	..	..	..	..	..	..	..	1
Osteitis of orbital margin	..	..	..	..	..	..	..	1

DISEASE OF LIDS.

Rodent ulcer	..	..	..	..	..	..	..	3
Dermoid cyst	..	..	..	..	..	..	..	1
Ptosis	..	..	..	..	..	..	..	1

DISEASES OF MUSCLES.

Non-paralytic internal strabismus	..	..	..	..	..	..	..	8
Paralytic squint	..	..	..	..	..	..	..	1

E. WOLFE,

Ophthalmic Registrar.

REPORT OF THE PATHOLOGIST FOR 1929.

Total deaths in Hospital=404.

Post-mortem examinations on above=298, or 74%.

Post-mortem examinations on those brought in dead=10.

Total post-mortem examinations=308.

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

GENERAL.

Accident: 124, 155, 186, 223, 248, 252, 278.

Acromegaly: 197.

Addison's disease: 193.

Amyloid ,, : 91, 133, 298.

Anæmia, hæmolytic: 27.

 ,, secondary: 113, 118, 148, 160, 179, 188, 196, 233,
 244, 247, 248.

Carcinoma, biliary: 115.

 ,, breast: 174, 205.

 ,, colon and rectum: 43, 90, 111, 116, 127, 201, 223,
 246, 258, 276, 277, 284.

 ,, endothelial: 35, 138.

 ,, Fallopian tube: 116.

 ,, kidney: 81, 185.

 ,, lip: 308.

 ,, lung: 17, 95, 130, 175, 183, 219.

 ,, nose: 297.

 ,, œsophagus: 71, 123, 210, 251.

 ,, ovary: 240.

 ,, peritoneum: 138, 258.

 ,, pharynx: 35, 139.

 ,, prostate: 110, 229.

 ,, rodent ulcer: 173.

 ,, skin: 173, 308.

 ,, stomach: 88, 106, 132, 156, 159, 165, 249.

- Carcinoma, thymus: 97, 296.
 " thyroid: 166.
 " tongue: 239.
 " tonsil: 256.
 " uterus: 130, 225, 303.
 Diabetes: 8, 28, 34, 153.
 Hodgkin's disease: 149, 221.
 Leukæmia, lymphatic: 145, 195.
 Lymphosarcoma: 217.
 Malaria: 200.
 Marasmus: 46, 228, 235, 242.
 Mongolism: 122.
 Myasthenia-gravis: 97.
 Myelomatosis: 247.
 Myxœdema: 37.
 Poisoning: 102.
 Prematurity: 79, 83, 99, 121, 242.
 Sarcoma: 79, 162.
 Syphilis: 29, 44, 98, 134, 173, 188, 199, 200, 228, 257, 259,
 266, 303, 308.
 Tuberculosis: 26, 31, 45, 75, 88, 91, 114, 125, 130, 133, 137,
 167, 180, 193, 194, 203, 213, 219, 220, 224, 263,
 267, 288, 292, 298.
 " general dissemination: 116, 126, 128, 184, 202, 209.
 Typhoid: 283.

ALIMENTARY.

Intestines.

- Abscess: 67.
 Adenoma: 100, 180, 230, 278.
 Appendicitis: 23, 40, 94, 136, 177, 217.
 " chronic: 60.
 " tuberculosis: 45.
 Carcinoma: 90, 116, 201, 223, 246, 276, 277, 284.
 " secondary: 95, 110, 138, 183, 219, 303.
 Colitis: 230, 245.
 Diverticulum: 100, 118, 283.
 " Meckel's: 2, 64, 207.
 Diverticulitis: 283.
 Enteritis: 2, 22, 49, 59, 79, 83, 121, 181, 187, 207, 227, 231,
 238, 291.
 Fistula: 120.
 Gangrene: 287.
 Hæmorrhage, petechial: 27, 49.
 Hæmorrhoids: 276, 285.

Intestines—(continued).

- Hernia: 47, 74, 87, 130, 142, 167, 171, 247, 281.
 Ileus: 94, 198, 253, 266, 277, 281, 287, 299.
 Infarction: 27, 43, 282, 287.
 Intussusception: 79, 140.
 Lymphangioma: 66, 203.
 Melæna: 27, 95, 113, 247.
 Myoma: 257.
 Obstruction: 86, 87, 171, 201, 246, 253, 281, 282.
 Œdema: 5, 149, 230.
 Papilloma: 66, 199, 201, 203.
 Perforation: 43, 90, 116, 283, 284.
 Pouch, duodenal: 152, 258.
 Rectocele: 155.
 Scar: 21, 152, 300.
 Strangulation: 43, 87, 100.
 Ulcers, duodenal: 21, 88, 152, 188, 219, 295, 300.
 „ tuberculous: 91, 137, 202, 224, 263, 267, 298.
 Ulcers, typhoid: 283.
 „ unspecified: 77, 91, 102, 141, 171, 225, 245, 253, 294
 Volvulus: 86, 253.

Mouth.

- Abscess: 53.
 Carcinoma, lip: 308.
 „ tongue: 239.
 „ tonsil: 256.
 Hæmorrhage: 163.
 Herpes, lip: 39.
 Scar, palate: 280.
 Tongue, œdema: 77, 102.
 „ necrosis: 77.
 Tonsillitis: 84, 105, 137, 144, 261.

Œsophagus.

- Carcinoma: 71, 123, 139, 210, 251.
 Inflammation: 104, 123.
 Staining of mucosa: 102.
 Ulcer: 123.
 Veins, erosion: 244.
 „ varicose: 244, 279, 285.

Peritoneum.

- Abscess: 58, 136, 158, 198, 246, 283.
 Adhesions: 1, 23, 40, 48, 60, 67, 78, 79, 94, 95, 96, 100, 111, 116, 126, 132, 133, 134, 136, 139, 140, 159, 173, 177, 193, 196, 202, 217, 224, 244, 245, 246, 253, 259, 271, 283, 296, 299.
 Carcinoma, primary: 138, 258.
 „ retroperitoneal: 118.
 „ secondary: 115, 132, 159, 240, 258.
 Cyst: 98.
 Effusion: 1, 5, 18, 23, 25, 30, 48, 50, 51, 60, 66, 67, 73, 77, 87, 96, 100, 111, 120, 126, 138, 147, 149, 156, 158, 161, 169, 177, 182, 183, 194, 198, 206, 216, 217, 236, 249, 264, 265, 279.
 Hæmorrhage: 10, 118, 177, 222, 300.
 „ petechial: 113, 145.
 „ retroperitoneal: 15, 118, 186, 189, 220, 287, 299.
 Œdema, retroperitoneal: 4, 30.
 Peritonitis: 7, 18, 23, 37, 40, 43, 67, 78, 90, 94, 96, 100, 111, 116, 120, 127, 146, 147, 152, 158, 159, 171, 177, 183, 206, 216, 217, 236, 245, 284, 298, 299.
 „ local: 10, 58, 113, 116, 198, 244, 277, 282, 283, 287.
 „ tuberculous: 116, 126, 202, 224.

Pharynx.

- Carcinoma: 35, 139.
 Inflammation: 102.

Salivary Glands.

- Inflammation: 77, 108.

Stomach.

- Adhesions: 95.
 Carcinoma: 88, 106, 132, 156, 159, 165, 249.
 Dilatation: 94, 113, 250, 266, 274, 277, 281, 282.
 Gastritis: 5, 8, 20, 41, 49, 59, 60, 199, 207, 214, 234, 248, 265, 286, 296, 301.
 Hæmorrhage: 49, 188, 233.
 „ petechial: 60, 69, 72, 95, 195, 203, 209, 237, 260, 281.
 Hernia, diaphragmatic: 87.
 Hour-glass: 31.
 Hypertrophy: 273.
 „ lymphadenoid: 12.
 Myoma: 90, 115, 247, 276, 281.

Stomach—(continued).

- Necrosis: 7, 102.
- Perforation: 7, 18, 159, 188.
- Pouch: 258.
- Scar: 12, 24, 55, 133, 247, 258.
- Stenosis, pyloric: 250, 273.
- Ulcer: 18, 24, 31, 47, 95, 120, 152, 159, 188, 189, 199, 206, 230, 233, 247, 249, 250.

CARDIO-VASCULAR.

Arteries.

- Abnormality: 259.
- Aneurysm: 15, 30, 98, 100, 107, 129, 134, 174, 188, 189, 222, 257, 266, 286, 290.
- „ septic: 30, 188, 192.
- Aortitis: 29, 98, 134, 173, 189, 199, 257, 266, 303.
- Arteritis: 41, 70, 73.
- Atheroma, severe: 1, 5, 11, 15, 26, 28, 29, 36, 37, 44, 47, 48, 50, 53, 56, 60, 62, 66, 70, 73, 74, 92, 93, 98, 100, 102, 105, 115, 117, 118, 129, 130, 134, 136, 138, 140, 142, 146, 153, 161, 162, 163, 171, 172, 173, 176, 178, 180, 183, 192, 196, 199, 212, 215, 220, 226, 229, 239, 249, 251, 255, 259, 266, 268, 270, 271, 276, 286, 287, 290, 291, 297, 302, 305.
- Calcification, medial: 180.
- Ductus arteriosus: 52, 80, 86, 99, 154, 216, 228, 235.
- Embolus, paradoxical: 110.
- Hypertrophy: 5, 66, 70, 140.
- Thrombus, aorta: 45, 134.
- „ carotid: 92, 134, 205, 212.
- „ coronary: 117, 142.
- „ femoral: 70, 134.
- „ iliac: 205.
- „ popliteal: 259.
- „ pulmonary: 29, 39, 45, 50, 60, 106, 110, 120, 181, 205, 224, 230, 240, 265, 275, 306, 308.

Veins.

- Abnormality: 285.
- Carcinoma: 81, 183.
- Thrombus, cavernous sinus: 53.
- „ femoral: 10, 45, 51, 205, 230, 240, 265.
- „ hepatic: 210, 279.
- „ iliac: 10, 45.

Veins—(continued).

- Thrombus, lateral sinus: 302.
 „ mesenteric: 171, 287.
 „ ovarian: 225, 306.
 „ portal: 236.
 „ splenic: 236.
 „ subclavian: 169.
 „ vena cava inferior: 45, 144, 225, 306.
 Varicosity: 115, 244, 279, 285.

Heart.

- Abnormality, congenital: 6, 48, 122, 154, 181, 182, 216, 235.
 Abscesses: 112.
 Atrophy: 8, 18, 35, 43, 45, 81, 95, 97, 106, 120, 132, 138, 149, 151, 171, 173, 178, 183, 188, 192, 193, 196, 201, 206, 239, 246, 298, 300.
 Aneurysm: 70, 182, 260, 289.
 „ valvular: 164.
 Carcinoma, secondary: 138, 296.
 Degeneration, myocardial: 5, 25, 61, 84, 85, 93, 98, 105, 113, 119, 145, 151, 158, 168, 173, 179, 195, 269, 294.
 Embolus, paradoxical: 110.
 Endocarditis, acute: 51, 61, 72, 108, 112, 156, 164, 172, 237.
 „ chronic: 29, 51, 103, 119, 194, 264, 278, 283.
 „ rheumatic: 13, 27, 32, 60, 103, 157, 169, 194, 264.
 „ subacute: 30, 112, 157, 164, 182.
 Fibrosis, endocardial: 2, 29, 128, 154, 196, 208, 230.
 „ myocardial: 70, 105, 161, 230, 236, 279, 280, 289.
 Hypertrophy: 5, 11, 15, 26, 33, 36, 37, 41, 50, 57, 63, 66, 70, 73, 100, 104, 107, 117, 118, 119, 122, 129, 134, 140, 142, 153, 154, 161, 163, 172, 178, 184, 192, 194, 199, 208, 211, 212, 216, 222, 226, 230, 238, 247, 257, 266, 271, 274, 276, 285, 286, 290, 293, 294, 297, 302, 303, 305, 307.
 „ of right side: 19, 50, 255, 271, 308.
 Infarction: 105, 117, 142, 161, 180, 289.
 Myocarditis: 53, 54, 55.
 Necrosis: 112.
 Thrombus: 70, 169, 230, 265, 280, 289, 296.
 „ valvular: 45, 47, 114, 156, 169, 215, 278.
 Valvular incompetence, aortic: 29, 154, 208.
 „ „ mitral: 154.

Heart—(continued).

- Valvular stenosis, aortic: 148, 154, 169, 208.
 „ „ mitral: 1, 13, 19, 60, 103, 118, 148, 154.
 157, 169, 194, 208, 215, 236, 244, 264, 265, 297.
 „ vascularization: 7.

Pericardium.

- Adhesions: 32, 51, 60, 73, 76, 87, 92, 97, 114, 161, 191, 264, 289.
 Carcinoma: 17, 130, 183, 296.
 Effusion: 5, 30, 41, 50, 130, 136, 156, 157, 161, 165, 169, 182, 194, 202, 216, 217, 234, 238, 260, 291.
 Hæmorrhage: 74, 130, 289, 296.
 „ petechial: 21, 27, 72, 74, 145, 150, 195, 248, 254, 307.
 Milk spots and tags: 1, 51, 64, 95, 142, 143, 169, 233, 236, 259.
 Pericarditis: 19, 41, 73, 76, 77, 123, 130, 238, 261, 264, 272, 291, 296.

DUCTLESS GLANDS.

Adrenal.

- Adenoma: 5, 105, 108, 116, 119, 121, 188, 192, 239, 253, 264.
 Adherent kidney: 248.
 Amyloid: 133.
 Atrophy: 12.
 Carcinoma, secondary: 81, 88, 95, 175, 296.
 Ectopic liver: 279.
 Hæmorrhage: 32.
 Hypertrophy: 17, 153, 279, 290.
 Softening: 196, 237, 277, 289, 298, 305.
 Tuberculosis: 184, 193.

Pineal.

- Cyst: 257, 267.
 Tuberculosis: 128.

Pituitary.

- Adenoma: 151, 175.
 Carcinoma: 197.
 Hypertrophy: 8, 27, 82, 148.
 Tuberculosis: 128.

Thymus.

- Atrophy: 228.
- Carcinoma: 97, 296.
- Hæmorrhage, petechial: 119.
- Late persistence: 32, 41, 135.

Thyroid.

- Adenoma: 34, 36, 41, 58, 98, 135, 166, 202, 230, 247, 284.
- Atrophy: 24, 37, 156, 173.
- Carcinoma: 166.
- Hypertrophy: 135, 274.
- „ colloidal: 58.

GENITO-URINARY.

Kidney.

- Abnormality, congenital: 36, 194, 222, 285.
- Abscess: 54, 108, 112, 141, 215, 272, 274.
- Adenoma: 5, 55, 57, 75, 105, 137, 260, 281.
- Adhesions: 39, 294.
- Amyloid: 91, 133.
- Arteriosclerosis: 5, 66, 70, 73, 93, 142, 161, 192, 211, 219, 294, 305.
- Atrophy: 1, 7, 28, 57, 103, 118, 120, 153, 161, 183, 256, 257, 285, 291, 293, 294, 300, 302, 305, 306.
- Calculus: 39, 153, 201, 227, 270, 291.
- Carcinoma: 81, 185.
- „ secondary: 219, 247, 249.
- Congenital cystic: 36.
- Cysts: 5, 24, 47, 63, 71, 74, 85, 100, 111, 129, 151, 161, 180, 184, 211, 213, 247, 265, 271, 276, 277, 281, 286, 290.
- Fatty: 34, 91.
- Fibroma: 18, 88, 90, 115, 124, 140, 190.
- Hæmorrhage, petechial: 30, 114, 182, 195, 275, 286, 287.
- Horse-shoe: 194, 222.
- Hydronephrosis: 33, 257, 285, 291, 303.
- Hypertrophy: 5, 39, 112, 123, 149, 153.
- Infaret: 13, 61, 103, 112, 134, 156, 182, 226, 237, 288, 289, 296.
- Iron, deposit: 27.
- Jaundice: 4, 113, 149.
- Lipoma: 271.
- Lymphadenoid infiltration: 145, 195.
- Myoma: 62, 75, 175.
- Necrosis (pregnancy): 294.

Kidney—(continued).

- Nephritis, acute: 30, 247.
 ,, chronic: 5, 30, 41, 57, 70, 93, 104, 129, 161, 163,
 211, 285, 291.
 ,, subacute: 5, 66, 182, 238, 293.
 Perirenal abscess: 270.
 Pyelitis: 17, 201, 229.
 Pyelonephritis: 54, 226, 229, 259, 275, 283.
 Pyonephrosis: 39, 153, 203, 259, 270.
 Pus streaks: 164, 191, 226, 228, 229, 246, 259, 270, 283.
 Sarcoma: 79.
 Scar: 13, 66, 153, 229, 268, 289, 305.
 Tuberculosis: 203, 224.
 ,, miliary: 116, 126, 128, 184, 209.
 Urates: 80, 83, 86, 99, 187, 242, 273, 304.

Ovary.

- Atrophy: 1, 24, 62, 77, 173, 253, 255, 302.
 Carcinoma, secondary: 159, 175, 258.
 Corpus luteum: 4, 67, 84, 90, 97, 148, 160, 248, 253, 257,
 294, 307.
 Cyst: 4, 12, 37, 40, 83, 87, 97, 132, 173, 174, 175, 197, 240,
 257, 306.

Penis.

- Priapism: 5.
 Sarcoma: 162.

Prostate.

- Abscess: 226.
 Calculi: 208, 234.
 Carcinoma: 110, 229.
 Myoadenomata: 166, 172, 183, 208, 247, 276.

Testicle.

- Abscess: 172.
 Epididymitis: 125.
 Fibrosis: 165, 172, 189, 290.
 Free body: 165.
 Hydrocele: 156.
 Scar: 296.
 Tuberculosis: 203.
 Varicocele: 164.

Ureter.

- Calculus: 54, 153, 291.
- Carcinoma, secondary: 303.
- Dilatation: 33, 54, 200, 240, 257, 259, 285, 291, 303.
- Hypertrophy: 33.
- Inflammation: 39, 54, 226, 229, 271.
- Stricture: 271, 281.

Urethra.

- Abscess: 162.
- Carcinoma, secondary: 110, 229.
- Sinus: 162.
- Stricture: 33, 281.

Urinary Bladder.

- Carcinoma, secondary: 229, 303.
- Gangrene: 283.
- Hypertrophy: 33, 64, 110, 118, 137, 200, 205, 225, 234, 259, 276, 281, 297.
- Inflammation: 33, 39, 104, 110, 153, 162, 172, 196, 201, 212, 226, 246, 259, 283.
- Papilloma: 245.
- Phosphatic deposit: 201.
- Tuberculosis: 203.
- Urates: 207.

Uterus and Tubes.

- Abscess: 179.
- Adenoma: 62, 90, 93, 99, 153, 158, 191, 301.
- Adhesions: 126, 140, 192.
- Atrophy, 1, 24, 302.
- Carcinoma: 120, 225, 303.
- „ secondary: 115.
- Calcified nodule: 173.
- Cyst: 158, 302.
- Hæmorrhage: 40, 148, 160, 215.
- Inflammation, tube: 67, 215.
- „ uterus: 40, 225, 240.
- Injury, cervical: 54, 131, 148.
- Myoma: 24, 62, 69, 90, 93, 95, 104, 115, 178, 190, 248, 258, 284, 301.
- Parametritis: 67, 225.
- Pregnancy: 54, 61, 67, 72, 148, 160, 168, 294.

Uterus and Tubes—(continued).

Subinvolution: 37, 54, 61, 67, 148, 294.

Tuberculosis: 116, 126.

Ulcer: 303.

Vulva.

Carcinoma: 303.

Edema: 264.

Rectocele: 155.

HEPATIC AND BILIARY, INCLUDING PANCREAS.

Gall-bladder and Ducts.

Adenoma: 98, 276.

Calculus: 105, 113, 115, 132, 137, 153, 158, 173, 175, 179, 280, 290, 305.

Carcinoma: 115.

Inflammation: 113, 153, 158, 280.

Stenosis: 115.

Liver.

Abscess: 113, 158, 177, 236.

Accessory lobe: 223.

Adenoma: 133, 290.

Adhesions: 1, 25, 59, 79, 83, 173, 177, 193, 233, 244, 246, 257, 296.

Amyloid: 45, 91, 133, 298.

Angelioma: 140, 142, 188, 222, 271, 293.

Atrophy: 13, 28, 36, 44, 45, 57, 63, 71, 82, 83, 87, 90, 98, 100, 106, 118, 131, 132, 151, 171, 173, 179, 188, 189, 192, 214, 222, 223, 229, 239, 255, 256, 270, 274, 279, 282, 287, 300, 302, 305.

Calcified nodule: 20, 35, 290, 307.

Carcinoma, secondary: 17, 35, 81, 88, 115, 132, 156, 240, 241, 247, 258, 276, 277, 284.

Cyst: 104.

Fatty: 2, 7, 11, 16, 18, 19, 37, 38, 42, 44, 48, 49, 53, 54, 56, 58, 62, 64, 65, 67, 68, 69, 73, 74, 75, 76, 78, 82, 85, 91, 92, 93, 94, 96, 98, 102, 104, 105, 106, 107, 108, 110, 112, 114, 116, 117, 120, 122, 123, 130, 135, 138, 144, 146, 147, 157, 159, 162, 163, 164, 167, 174, 176, 177, 180, 182, 184, 187, 197, 199, 206, 207, 212, 213, 214, 216, 224, 225, 226, 228, 229, 230, 231, 232, 233, 234, 237, 250, 251, 259, 264, 269, 273, 281, 282, 283, 290, 294, 295, 297, 298, 301, 304, 306, 307.

Liver—(continued).

- Fibrosis: 1, 4, 44, 74, 77, 92, 171, 176, 199, 220, 223, 244, 279, 290.
 Furrow: 24, 43, 47, 53, 63, 98, 130, 172, 183, 184, 190, 305.
 Hodgkin's disease: 221.
 Inflammation: 32.
 Injury: 254.
 Jaundice: 83, 95, 113, 115, 149, 158, 181, 244.
 Lymphadenoid reaction: 145, 195.
 Myeloid reaction: 247.
 Necrosis: 4, 77, 171.
 „ focal: 220.
 Passive congestion: 8, 14, 15, 19, 29, 30, 46, 50, 51, 60, 63, 66, 70, 73, 76, 82, 92, 101, 103, 104, 134, 140, 157, 161, 169, 182, 194, 208, 215, 230, 255, 257, 260, 264, 265, 289, 303, 308.
 Œdema: 5, 24, 39, 40, 59, 72, 164, 181, 200, 267.
 Perihepatitis: 1, 59, 77, 126, 199.
 Scar: 124, 300.
 Siderosis. 179, 195.
 Tuberculosis: 45, 75, 116, 126, 128, 180, 209, 224, 263, 267, 298.

Pancreas.

- Atrophy: 8, 28, 70, 153, 233.
 Calculus: 233.
 Carcinoma, secondary: 95, 219.
 Ectopic: 39, 40, 100, 247.
 Fat necrosis: 106.
 Necrosis: 7.

LYMPHADENOID TISSUE.

Lymphatic Glands.

- Abscess: 261.
 Calcareous nodules: 23, 25, 139, 142, 144, 149, 173, 208, 213, 226, 255, 288, 291.
 Carcinoma, secondary: 17, 35, 71, 81, 88, 95, 106, 110, 118, 130, 132, 138, 139, 156, 165, 166, 174, 175, 219, 239, 249, 251, 276, 277, 284, 296, 308.
 Hodgkin's disease: 149, 221.
 Hyperplasia: 27.
 Inflammation: 10, 12, 14, 19, 32, 47, 57, 58, 64, 70, 113, 150, 164, 179, 210, 234, 261, 268, 269, 279, 292, 295, 297, 301.

Lymphatic Glands—(continued).

- Lymphatic leukæmia: 145.
- Lymphosarcoma: 217.
- Tuberculosis: 15, 116, 125, 128, 180, 194, 202, 209, 226, 263, 267, 288.

Spleen.

- Abscess: 112, 236, 272.
- Adhesions: 1, 120, 165, 236, 257, 260, 271, 291, 296.
- Amyloid: 45, 91, 133, 298.
- Atrophy: 15, 25, 45, 90, 192, 201, 206, 213, 222, 270, 287, 299, 300, 302.
- Calcareous nodule: 35, 75, 201.
- Carcinoma, secondary: 17, 81, 88, 132, 138, 219, 296.
- Cysts: 98, 147.
- Fibrosis: 95, 96, 118, 258.
- Hæmorrhage: 202, 226, 229, 241, 292.
- Hodgkin's disease: 149, 221.
- Hyperplasia: 1, 42, 62, 74, 268, 279.
- " endothelial: 59.
- Infarction: 13, 27, 29, 30, 45, 70, 72, 88, 110, 112, 134, 156, 169, 182, 226, 236, 237.
- Inflammation: 11, 12, 21, 24, 32, 38, 40, 54, 61, 67, 75, 77, 85, 108, 112, 113, 117, 157, 162, 164, 172, 179, 225, 236, 259, 276, 283, 295, 297, 301, 307.
- Leukæmia: 145, 195, 247.
- Passive congestion: 19, 22, 29, 47, 49, 60, 63, 66, 161, 208, 230, 255, 260, 264, 265, 273, 289, 292, 301, 303, 304, 308.
- Perisplenitis: 1, 31, 33, 199, 205, 289, 291.
- Scar: 260.
- Siderosis: 77, 179, 293.
- Splenunculus: 30, 36, 41, 51, 61, 75, 79, 83, 124, 140, 142, 158, 194, 228, 237, 240.
- Tuberculosis: 45, 114, 116, 125, 126, 128, 180, 194, 209, 224, 263, 267, 298.

NERVOUS SYSTEM.

Brain.

- Abscess: 68.
- Atrophy: 26, 53, 93, 98, 105, 153, 171, 176, 200, 203, 218, 257.
- Carcinoma, secondary: 81, 95, 175, 257.
- Cyst: 55, 82, 190, 280, 305.
- Embolism: 134.
- Ependymoma: 89, 143.

Brain—(continued).

- General paralysis: 44, 200.
 Glioma: 3, 82, 109, 131, 170.
 Hæmangeioma: 190.
 Hæmorrhage: 36, 107, 213, 218, 241, 256, 262, 286, 290, 302, 305.
 ,, extra-dural: 121, 124, 248.
 ,, sub-arachnoid: 129, 192, 286, 290.
 ,, sub-dural: 107, 129, 155, 213, 254, 278.
 Hydrocephalus, external: 49, 89, 108, 116, 128, 144, 200, 232.
 ,, internal: 44, 89, 116, 125, 128, 129, 143, 144, 200, 232, 259, 263.
 Infarct: 153.
 Injury: 124, 254, 278.
 Melanoma of dura: 241.
 Meningioma: 257, 262.
 Meningitis: 12, 22, 38, 68, 83, 101, 144, 153, 164, 176, 191, 207, 232, 248, 259, 297, 307.
 ,, syphilitic: 200.
 ,, tuberculous: 116, 125, 126, 128, 202, 209, 263.
 Meningocele: 101.
 Œdema: 5, 211.
 ,, sub-arachnoid: 9, 26, 35, 55, 98, 103, 105, 142, 164, 173, 211, 220, 237, 274, 280.
 Softening: 92, 134, 153, 169, 173, 190, 192, 212, 305.
 Tabes: 200, 277.
 Thrombosis, sinus: 53, 108, 302.
 Tumour: 3, 69, 81, 82, 89, 109, 131, 143, 170, 213, 241, 257, 262.

Ear.

- Otitis media: 12, 22, 32, 49, 128, 144, 181, 187, 207, 227, 228, 231, 232, 241, 242, 243, 250, 288.
 Sinusitis: 53, 288, 307.

Eye.

- Hæmorrhage: 27, 129.
 ,, petechial: 213.
 Œdema: 53.

Nerves.

- Auditory tumour: 69, 213.
 Inflammation spinal ganglia: 260.

Nose.

- Inflammation: 53, 232, 237.
- Polyph: 288.
- Rodent ulcer: 173.

Spinal Cord.

- Calcification arachnoid: 274.
- Hodgkin's disease: 221.
- Meningitis, chronic: 176, 277.
- " purulent: 38, 144.
- Myelitis: 200, 274, 277.

PULMONARY.

Larynx.

- Hæmorrhage: 248.
- Inflammation: 102.
- Œdema: 77, 91, 94, 166.
- Tuberculosis: 91, 167, 267.
- Ulceration: 166.

Lung.

- Abscess: 9, 14, 17, 21, 53, 59, 61, 73, 76, 102, 104, 108, 123, 141, 145, 152, 162, 201, 219, 225, 237, 274, 288, 301, 307.
- Atelectasis: 99, 101, 254, 275.
- Atrophy: 33.
- Bronchiectasis: 130, 141, 183, 234, 255, 256, 271, 272, 308.
- " tuberculous: 130, 137.
- Bronchitis: 2, 8, 11, 16, 18, 20, 22, 25, 31, 33, 34, 38, 40, 42, 43, 46, 48, 50, 56, 57, 63, 66, 68, 71, 84, 93, 96, 113, 115, 118, 119, 122, 139, 140, 143, 148, 151, 154, 167, 177, 179, 181, 183, 185, 189, 190, 191, 196, 197, 210, 212, 222, 226, 227, 229, 231, 232, 235, 239, 241, 246, 259, 265, 270, 271, 272, 274, 278, 282, 287, 288, 290, 296, 297, 300, 301, 302, 304, 305.
- Calcareous nodule: 28, 88, 114, 116, 173, 180, 184, 193, 251, 271.
- Calcification, bronchial: 153.
- Carcinoma: 17, 95, 130, 175, 183, 219.
- " secondary: 165, 166, 185, 249, 277, 296, 308.
- Cavity: 31, 45, 75, 88, 91, 114, 126, 130, 133, 137, 184, 193, 203, 209, 220, 224, 255, 256, 267, 272, 288, 292, 298, 308.
- Collapse: 2, 13, 37, 39, 40, 41, 46, 47, 50, 59, 66, 68, 70, 77, 87, 90, 101, 103, 114, 117, 118, 119, 121, 122, 123, 154, 158, 200, 204, 207, 221, 222, 226, 232, 235, 236, 238, 249, 250, 258, 266, 269, 274, 277, 286, 289, 292, 295.

Lung—(continued).

Emphysema: 9, 11, 20, 22, 42, 48, 49, 50, 70, 115, 122, 130, 132, 137, 139, 151, 184, 196, 231, 242, 248, 257, 258, 259, 271, 290, 299, 300, 308.

„ interstitial: 64, 119, 278.

Fibrosis: 28, 66, 91, 157, 215, 220, 255, 256, 271, 308.

Gangrene: 35, 106.

Hæmorrhage: 19, 27, 39, 50, 133, 137, 141, 179, 195, 198, 200, 223, 248, 255, 266, 270, 273, 279, 299.

Induration: 19, 29, 51, 63, 66, 103, 157, 161, 169, 182, 208, 215, 255, 264, 265, 303.

Infarct: 29, 60, 103, 104, 105, 169, 182, 194, 215, 230, 265, 303.

Œdema: 4, 5, 12, 24, 27, 30, 36, 53, 77, 94, 96, 115, 124, 125, 133, 134, 145, 146, 148, 160, 161, 163, 164, 165, 176, 195, 199, 206, 208, 211, 214, 225, 233, 238, 240, 244, 245, 247, 252, 262, 265, 278, 279, 281, 282, 286, 291, 293, 294, 296, 297.

Pneumonia, broncho: 2, 6, 9, 13, 14, 18, 20, 25, 26, 35, 39, 40, 42, 43, 44, 52, 54, 55, 59, 61, 62, 64, 69, 71, 75, 77, 79, 80, 81, 83, 88, 92, 97, 98, 102, 106, 111, 112, 113, 123, 125, 131, 132, 136, 138, 139, 140, 151, 153, 156, 164, 173, 174, 175, 179, 180, 183, 184, 187, 190, 192, 196, 198, 201, 204, 206, 210, 227, 229, 231, 237, 239, 247, 251, 252, 253, 256, 272, 276, 277, 280, 283, 288, 293, 302, 304.

„ lobar: 19, 24, 37, 47, 57, 58, 65, 72, 74, 85, 104, 150, 261, 268, 269, 301.

„ unresolved: 9, 76, 164.

Sarcoma, secondary: 162.

Scar: 114, 144, 188, 213, 225, 256, 288, 300, 305, 308.

Thrombus, pulmonary: 39, 60, 106, 110, 120, 181, 205, 230, 240, 265, 275, 306, 308.

Tuberculosis, caseous: 125, 128, 167, 184, 194, 202, 203, 209, 219, 267, 292.

„ fibrocaseous: 8, 26, 31, 45, 88, 91, 114, 116, 126, 130, 133, 167, 184, 193, 194, 213, 219, 224, 226, 263, 267, 288, 298.

„ miliary: 31, 45, 75, 91, 116, 125, 126, 128, 130, 137, 184, 194, 202, 209, 263, 267, 298.

„ pneumonic: 75, 133, 220, 263, 288, 292.

Mediastinum.

Inflammation: 104, 210.

Pleura.

Adhesions: 1, 8, 9, 13, 17, 19, 20, 23, 26, 27, 31, 32, 36, 43, 45, 47, 50, 51, 57, 59, 60, 63, 65, 70, 75, 76, 88, 91, 95, 102, 113, 114, 123, 126, 130, 133, 136, 137, 139, 146, 151, 155, 156, 157, 159, 161, 169, 171, 172, 178, 182, 184, 191, 193, 194, 199, 201, 202, 203, 205, 206, 209, 213, 219, 220, 224, 234, 237, 244, 255, 259, 261, 264, 267, 271, 272, 285, 288, 293, 300, 301, 305.

Carcinoma, secondary: 166, 249, 258.

Effusion: 5, 9, 17, 30, 47, 50, 51, 62, 66, 70, 74, 76, 85, 103, 125, 139, 156, 157, 161, 165, 169, 182, 194, 202, 208, 211, 216, 249, 260, 264, 265, 292.

Empyema: 9, 13, 14, 57, 73, 75, 76, 85, 95, 123, 130, 158, 177, 234, 236, 261, 268, 288, 298.

Fibrosis: 308.

Hæmorrhage: 223, 252.

„ petechial: 25, 69, 121, 145, 273.

Pleurisy: 13, 17, 21, 24, 25, 35, 37, 40, 44, 47, 50, 51, 61, 62, 65, 67, 72, 73, 74, 75, 76, 85, 108, 110, 113, 138, 141, 150, 164, 177, 220, 237, 252, 261, 264, 268, 269, 276, 292, 301.

„ tuberculous: 116, 202, 203, 288.

Pneumothorax: 114, 123, 292.

Sarcoma, secondary: 162.

Trachea.

Carcinoma, secondary: 296.

Hæmorrhage: 248, 279.

Inflammation: 16, 20, 34, 48, 56, 92, 93, 96, 102, 251, 297, 304.

Meconium: 254.

MISCELLANEOUS.

Bones and Joints.

Ankylosis: 237.

Arthritis: 117, 164.

Carcinoma, secondary: 35, 81, 118, 247, 249, 258.

Ectopic bone: 153.

Epiphysitis, syphilitic: 228.

Fracture: 124, 155, 186, 223, 252, 278.

Inflammation: 32, 53, 228, 237, 298.

Marrow: 27, 77, 113, 117, 145, 185, 195.

Myelomatosis: 247.

Scoliosis: 33, 63, 260.

Bones and Joints—(continued).

Spondylitis: 156.

Thickening of calvarium: 98, 131, 153.

Thinning of calvarium: 143.

Breast.

Atrophy: 98, 131.

Carcinoma: 174.

„ secondary: 95.

Cysts: 140, 246, 248.

Fibrous involution: 98, 104, 140, 148, 258.

Hyperplasia, adenomatous: 246, 294.

Inflammation: 174.

Lactation: 54, 61, 67, 72, 104, 160, 174, 294, 299.

Scar: 20.

Muscle.

Carcinoma, secondary: 138.

Fibrosis: 255.

Hæmorrhage: 262.

Inflammation: 32, 176.

Lipoma: 105.

Myasthenia gravis: 97.

Necrosis: 32.

Skin and Subcutaneous Tissues.

Abscess: 53, 79, 108, 191, 285, 298.

Atrophy, subcutaneous fat: 12.

Blister: 117, 169.

Bruise: 105, 142, 155, 186, 195, 252.

Burn: 164.

Carbuncle: 11, 21.

Carcinoma, secondary: 138.

Cellulitis: 5, 11, 21, 32, 53, 77, 108, 117, 120, 174, 177, 187, 295, 307.

„ tuberculous: 180.

Cyanosis: 63, 101, 154, 157, 184, 191, 238, 254, 255, 306.

Emphysema: 114.

Excoriation: 46, 49, 83, 121, 181, 242, 252.

Gangrene: 70, 120, 177, 178, 217, 259, 272.

Hæmatoma: 252, 266, 278.

Hæmorrhage, petechial: 30, 32, 112, 113, 145, 163, 191, 195, 211, 237, 264.

Skin and Subcutaneous Tissues—(continued).

Herpes: 260.

Jaundice: 4, 95, 115, 149, 156, 158.

Lipoma: 105, 284.

Lupus: 173.

Œdema: 19, 29, 30, 32, 37, 50, 51, 53, 60, 66, 91, 160, 169,
182, 184, 208, 230, 240, 264, 265, 275.

Pigmentation: 50, 51, 171, 193, 273.

Scar: 20, 55, 59, 155, 193, 240, 244, 279, 280, 284, 293, 295.

Sinus: 13, 298.

Ulceration: 3, 27, 145, 173, 179, 199.

Wound: 155.

WILLIAM G. BARNARD.

RADIOLOGICAL DEPARTMENT, 1929.

I. DIAGNOSTIC SECTION.

								No. of Cases
Opaque meals	..	..	..	..	..	..	..	1019
Bones ..	..	..	..	..	..	..	..	3471
Cardiac	..	..	..	..	..	..	..	23
Chest ..	..	..	..	..	..	..	..	1721
Dental ..	..	..	..	..	..	..	..	113
Esophagus	..	..	..	..	..	..	..	101
Skull ..	..	..	..	..	..	..	..	534
Urinary	..	..	..	..	..	..	..	715
Pathological specimens	..	..	..	..	..	..	..	2
								7699

II. THERAPEUTIC SECTION.

New cases during the year ..	..	..	..	..	..	..	80
Medium therapy attendances	..	..	..	..	..	..	578
Deep therapy ,, ..	..	..	..	..	..	..	249

R. W. A. SALMOND,
Honorary Radiologist.

RADIOLOGICAL DEPARTMENT, 1929.

I. PATIENTS IN SERVICE.

No. of Patients		Operating Room	
1919	100	100	100
1920	100	100	100
1921	100	100	100
1922	100	100	100
1923	100	100	100
1924	100	100	100
1925	100	100	100
1926	100	100	100
1927	100	100	100
1928	100	100	100
1929	100	100	100
Total	1000	1000	1000

II. TRAINING IN SERVICE.

No. of Students		New cases during the year	
1919	100	100	100
1920	100	100	100
1921	100	100	100
1922	100	100	100
1923	100	100	100
1924	100	100	100
1925	100	100	100
1926	100	100	100
1927	100	100	100
1928	100	100	100
1929	100	100	100
Total	1000	1000	1000

W. A. SALMOND,
Department of Radiology.

REPORT OF THE ANÆSTHETICS REGISTRAR FOR 1929.

Types of anæsthetics administered.	Operations.					
	General	Dental	Eye	Ear, throat and nose	Gynæcological	Total
Open ether	1040	7	1	107	288	1443
Closed ether (Clover)	14					14
Open ether, followed by ether vapour in Shipway's apparatus ..	15		2	11		28
" " followed by intratracheal ether	36					36
Chloroform	84	11		19	52	166
Nitrous oxide gas	1420	394		41	4	1859
" " with oxygen	28			1	4	33
Ethyl chloride	234	41		14		289
SEQUENCES.						
Nitrous oxide gas, followed by open ether	344	4		4	122	474
" " " followed by open ether and ether vapour in Shipway's apparatus ..	7					7
" " " followed by open ether and chloroform	11	12	2	50		75
" " " followed by closed ether followed by chloroform ..				80		80
" " " and ethyl chloride followed by open ether	30				16	46
" " " and ethyl chloride followed by open ether, followed by chloroform..				25		25
Ethyl chloride, followed by open ether	261	8	1	32	126	428
" " " and ether vapour in Shipway's apparatus ..	4			387		491
" " followed by open ether and chloroform ..	7	7		50	2	66
Open ether, followed by chloroform	41	13	7	483	2	546
Chloroform, followed by open ether	17			1	19	37
" " " intratracheal ether	18					18

Types of anæsthetics administered	Operations					
	General	Dental	Eye	Ear, throat and nose	Gynæcological	Total
MIXTURES.						
<i>Open ether</i> and chloroform	6			120	6	132
" " " " followed by intratracheal ether				126		126
<i>Nitrous oxide gas</i> and oxygen and ether	17			1	3	21
" " " " and chloroform	5					5
" " gas and oxygen and chloroform	1					1
" " gas and ethyl chloride ..	1	2		1		4
<i>Local and regional anæsthetics</i> ..	450		70	5	6	531
" " " combined with general anæsthetics	37*					37
<i>Spinal anæsthetics</i>	1				1	2
" combined with general anæsthetics	1				1	2
<i>Sacral anæsthetic</i>	1					1
<i>Avertin</i> and open ether	1				1	2
Totals ..	4132	499	83	1558	653	6925

* This number is probably understated.

N.B.—These figures include all anæsthetics given, in both in-patient and out-patient departments.

Six deaths under anæsthetics occurred during 1929. Of these, three patients were moribund and death was not considered to be accelerated by the anæsthetic. Two were apparently healthy children having their tonsils removed, and one patient died suddenly during an operation for appendicitis.

The three latter patients were being given open ether.

M. TAYLOR.

Anæsthetics Registrar.





