

## CASE OF PHTHISIS TREATED BY THE OPEN-AIR METHOD.

By W. T. LAW, M.D.,  
London.

MR. W., aged 32, whom I saw on August 19th, 1883, gave a history of acute lung illness dating from about March of that year. Since that date he had suffered from progressive emaciation, cough, expectoration, evening pyrexia frequently of 102°, and night sweats. There had been no diarrhoea or hæmoptysis. His family and personal history were unimportant.

On examination I found his pulse 120 and his temperature 101°. The left lung showed signs of extensive and progressive disease. Gurgling sounds and other signs of a cavity were present in the upper lobe at its antero-lateral part, marked dulness back and front extended over more than the upper half of the left chest, and moist *râles* showed that extensive breaking down was in progress. Feeble bronchial breathing existed at the base. On the right side beyond a raised pitch in the subclavicular percussion note and a slightly "blowing" respiration, I found nothing abnormal. Cough was very troublesome and muco-purulent expectoration profuse. The urine was slightly alkaline, but it did not contain albumen or sugar. The heart and abdominal organs appeared normal and the digestive system in fair order.

The house occupied by the patient was situated in its own grounds, in an elevated locality about a mile and a half from the town and sea, and having a southern aspect. A verandah entirely surrounded the house on a level with the first floor and opening thereon was the patient's bedroom. Upon this balcony, shaded from the direct rays of the sun, reclining on a comfortable couch, he was directed to spend the entire day, moving round the house to avoid wind or dust as occasion required. His bedroom was stripped of all superfluous hangings, curtains, and carpet, and was thoroughly cleansed by damp cloths impregnated with Sanitas, while all dusting and sweeping were forbidden. The window was kept open night and day. During the continuance of pyrexia absolute rest was insisted on, and all excitement forbidden. He was, fortunately, able to take the large amount of nourishment that was pressed upon him, but he required very little medicinal treatment. I noted on September 29th following that the temperature had fallen to 99° for the previous 7 evenings, that the pulse was 76, and that there had been only one slight night sweat during the same period. He was sleeping fairly well and felt much better with the exception of some dyspepsia.

The cough was less troublesome and the sputum was diminished in amount. There was a decided diminution in the number of moist *râles* in the left lung below the vomicæ. A few days after this, slight hæmoptysis occurred, and the temperature for three or four evenings reached 100°, but he again began to improve, and the pyrexia disappeared. He was then allowed to take exercise in the grounds in gradually increasing amount. A month later he had considerably increased in strength; he was able to walk moderately well, and had a very fair appetite. He was not weighed, but had manifestly gained considerably in flesh. The area of dulness extended down to the third rib in front, with dry cavernous respirations. Below this the absence of resonance was certainly less marked, as was also the case below the scapular spine. Crepitus was still evident, mingled with dry creaking towards the axilla. After this he went to Mentone, and I saw nothing more of him till July, 1885, when he reported himself much improved in every respect. He had regained his normal weight, and was able to walk several miles without difficulty. Cough and expectoration had practically ceased, and he no longer regarded himself as an invalid. The vomicæ at the left apex appeared to have diminished to the extent perhaps of half its former area; some retraction of the lung had taken place, uncovering the heart; impaired percussive resonance existed to the third cartilage in front and slightly below the scapular spine posteriorly, where feeble cavernous breathing was audible. A little crepitus on full inspiration could be detected below the excavation and in the axilla, but the signs were plainly those of a lung in process of healing.

Owing to circumstances, I had no further opportunity of examining the patient, but I afterwards heard that he was still progressing favourably.

It is supposed by many that the modern plan of treating phthisis by exposure to the open air is a novelty, but it is at least forty years old, for it was practised by Brehmer at Goerbersdorf in 1859, while, about 1874, Dettweiler established his well-known sanatorium in the Taunus Mountains. Broadbent also, many years ago, tried the method at St. Mary's and published his results. His plan, which he termed "hyperventilation," consisted in keeping patients in bed in an upper ward, lying between an open window and an open door continuously in a current of air. The case I have recorded occurred nearly sixteen years ago, so that even in England the treatment is not quite new, while it was "made in Germany" forty years since.

## MEMORANDA: MEDICAL, SURGICAL, OBSTETRICAL, THERAPEUTICAL, PATHOLOGICAL, Etc.

### A USEFUL MANŒUVRE IN SOME CASES OF RUPTURED URETHRA.

THE difficulty of the perineal operation for traumatic rupture of the urethra consists in finding the proximal end of the ruptured urethra, and any means by which this difficulty may be lessened is worthy of consideration.

The manœuvre practised in the following case I have used on the living subject in two cases previously.

M.K., aged 18, was admitted to the General Hospital, Singapore, on December 7th, 1896, with a history of having fallen astride of a wooden rail. He complained of being unable to pass water; his bladder was distended to within 1 inch of the umbilicus, and blood was escaping in drops from his meatus. There was very little pain, and his temperature was 99.2°. At 11 P.M. his bladder was tapped above the pubes, and an elastic catheter was tied in through the wound. On December 9th, under chloroform, perineal section was done, but the proximal end of the urethra was not found.

I saw him in consultation on December 13th; no further attempt at completing the perineal operation had been made; the wound was still open, and the urine was coming away by the suprapubic catheter. Under chloroform I withdrew the catheter from the suprapubic opening, and passed in one rather smaller, mounted on a slightly curved stilette. The end of the catheter was passed down the anterior wall of the bladder, and, by means of a finger in the rectum, was easily guided into the vesical end of the urethra. The stilette was then withdrawn, and the catheter passed on, easily felt and helped on a little by the finger in the rectum, until the end appeared in the wound and showed the proximal end of the ruptured urethra. A large catheter was then passed through the penis and into the bladder, guided into the proximal urethra by the suprapubic catheter, which was then withdrawn altogether. The large catheter was tied in. Recovery took place in the usual way. The catheter was left in for some days, then withdrawn, and passed daily for a time without difficulty. The patient was discharged cured on January 15th, 1897.

I regretted that I did not suture the wound in the urethra. If this were done the urethra ought, I think, to unite with the least possible chance of a bad stricture eventuating. At the end of a week or ten days a cautious attempt to pass a catheter may be made, and, if successful, the suprapubic catheter may be withdrawn, and the patient left, a catheter being used as occasion may require.

MAX. F. SIMON, M.D.,  
Singapore. Principal Civil Medical Officer, Straits Settlements.

### POISONING BY THE APPLICATION OF BELLADONNA PLASTER.

THE recent prosecutions for the sale of belladonna plasters of uncertain strength were, in my opinion, well deserved, as I think the following cases will prove.

A few weeks ago a man came to me complaining of pain in the side. I prescribed, among other things, a belladonna

plaster. This was applied in the morning, and the patient then went to business. Late in the afternoon I was sent for, and found him suffering from acute belladonna poisoning. He was in a somewhat lethargic condition, and a good deal collapsed. There was great indistinctness of vision, the pupils were widely dilated, and he complained of great thirst. Before my arrival he had been somewhat violent. After removal of the plaster and the administration of liquor strych-ninæ the symptoms began to subside, but it was several days before he recovered.

A few weeks previously a fellow practitioner had a similar case, and on making inquiries we found that both plasters had been obtained from the same chemist, and that both were made according to the *British Pharmacopœia* of 1885.

Both patients had been in the habit of wearing belladonna plasters, and had always purchased them at the same place, so that the symptoms could not have been due to idiosyncrasy.

Grays, Essex.

OLIVER SMITHSON, M.R.C.S.

#### PLACENTA DIMIDIATA WITH BIFURCATION OF THE CORD.

As the textbooks describe the above condition as rare, I think the following case is worth recording. I was recently called to a case of labour, which progressed in a perfectly normal and satisfactory manner until after the birth of the child; I then had some difficulty in expressing the placenta, which, however, with a little patience I succeeded in delivering, and found to be a double one with a single cord. The two halves were exactly equal in size and dimensions, circular in shape, and measured  $6\frac{1}{2}$  inches in diameter, their circumferences being united for about 1 inch. The cords were separate for about 8 inches from their insertion, when they became fused, forming a single cord of unusual thickness. There was a fair amount of hæmorrhage, which, however, quickly stopped with the use of ergot, and the uterus became firmly contracted.

ERNEST J. BEARDS, M.R.C.S.Eng., L.R.C.P.Lond.

Wolverhampton.

#### CASE OF ANENCEPHALIC FÆTUS.

ON February 5th, I was called to attend Mrs. R. in her fourth confinement. She is of medium height, and is a well-made, healthy-looking woman. Her previous confinements had not been attended with any abnormality or difficulty, and the children were healthy. Labour on this occasion, according to her statement, had come on at the eighth month. When sent for she was well advanced in the second stage, and on examination I found what appeared to be a large clot protruding from the vulva, but not associated with any hæmorrhage. After a short time this clot-like mass was followed by the face and lower part of a fetal head, to which it was seen to be attached. Extension and external rotation of the head with expulsion of the body of the fœtus then ensued as in an ordinary case, the uterine contractions throughout being feeble, and the intervals long.

The child, a stillborn female, measured in length 15 inches, the general development corresponding to  $7\frac{1}{2}$  months. On inspection the fetal head shows entire absence of the cranial vault. The head looks as if the skull cap had been removed for a *post-mortem* examination except posteriorly, where a broad red tract extends down the back of the fœtus for a distance of 5 inches, in the centre of which the spinal cord lies exposed, showing its entire length terminating in the cauda equina. The vertebral laminæ and spines being absent as well as the skin corresponding to these regions. The edges of the raw surface are lined with hair in the upper part. The face is flattened antero-posteriorly, and the chin passes directly into the skin of the chest without any trace of a neck. The ears are folded and imperfectly developed externally.

During pregnancy the mother states that the fetal movements were not so perceptible as with former children, and that latterly they had ceased. She had not received any injury or shock. The placenta was small but otherwise normal. The case is interesting as an example of a condition perhaps rarely met with in general practice, although similar specimens of this abnormality are to be seen in pathological museums. My thanks are due to Dr. Haldane for permission to publish these notes.

Bridge of Allan.

WILFRID GLEGG, M.D.Edin.

## REPORTS

ON

### MEDICAL AND SURGICAL PRACTICE IN THE HOSPITALS AND ASYLUMS OF THE BRITISH EMPIRE.

#### QUEEN'S HOSPITAL, BIRMINGHAM.

ASPHYXIA FROM PRESSURE OF AN ABSCESS UNDER THE CHIN  
WHILST UNDER THE INFLUENCE OF NITROUS OXIDE.

(By HOWARD H. C. DENT, M.B., M.R.C.S., L.R.C.P., House-  
Surgeon to the Hospital.)

A BOY, aged 12, came to the Queen's Hospital, Birmingham, on March 18th, with a large swelling between the chin and the hyoid bone containing pus. He was very ill, and evidently suffering from septic poisoning; the lower jaw was almost immovable, the mouth being slightly open. He had been ill ten days, and had not complained of difficulty in breathing.

Nitrous oxide gas was administered in the recumbent position. He went under more quickly than usual, his breathing not being so full as is generally the case.

The face-piece was removed, and an incision made in the middle line over the swelling; this had only gone through the skin when the respiration became embarrassed, and air ceased to enter the chest, although the movements of the thorax continued; at the same time he had a spasm of the jaw and slight convulsive movements of the limbs. The tongue was with difficulty pulled forwards, owing to the spasm of the jaw and the enormous amount of inflammatory thickening about its root. Artificial respiration was at once commenced, but no air entered the chest, although the tongue was drawn well out of the mouth. Tracheotomy was performed and respiration kept up for one hour, air entering freely through the wound. Ether was injected under the skin and directly into the heart. No signs of recovery were shown.

On opening the trachea a small quantity (20 minims) of pus was forced through the wound, and it was thought that the abscess had burst into the windpipe and caused suffocative spasm.

At the *post-mortem* examination an abscess the size of a small orange was found excavating the body of the tongue and resting on the top of the larynx. There was some pus in the trachea, but no communication with the abscess could be found. The other organs were healthy. The usual signs of asphyxia were present.

REMARKS.—Death appears to have been due to pressure of the abscess on the glottis acting either directly, or by causing spasm of the "sphincter laryngis." This pressure would be increased by (1) the recumbent position, (2) the extension of the head necessary to open the abscess, (3) the pressure of the knife.

## REPORTS OF SOCIETIES.

### PATHOLOGICAL SOCIETY OF LONDON.

J. F. PAYNE, M.D., President, in the Chair.

Tuesday, April 4th, 1899.

#### CONGENITAL CYST AT THE BACK OF THE TONGUE.

MR. RAYMOND JOHNSON exhibited a specimen, which was obtained from a child on whom tracheotomy was performed for the dyspnoea due to the pressure of the cyst upon the epiglottis; the cyst was diagnosed by means of the finger. Death took place a week after the operation. The cyst itself lay in the mid-line immediately behind the circumvallate papillæ; microscopically it was lined with flattened epithelium. Dr. Martin Schmidt had found that certain lingual cysts deeply seated in the posterior part of the tongue arose in glandular appendages connected with the lingual duct rather than in the duct itself, and they were, like the ducts of such appendages, at times furnished with ciliated epithelium. The speaker, on the whole, thought that the cyst exhibited arose in the duct.

Mr. S. G. SHATTOCK had seen similar cysts in the œsophagus, and thought that the origin of lingual cysts in the mucous

**DEATHS IN THE PROFESSION ABROAD.**—Among the members of the medical profession in foreign countries who have recently died are Dr. Henry P. Quincy, for twenty years teacher of histology in the Harvard Medical School, aged 60; Dr. Pierre Bernard, Professor in the Medical Faculty of the Catholic University of Lille; Dr. W. W. van Arsdale, Surgeon to the Mount Sinai Hospital, New York, and author of numerous contributions to surgical literature; and Dr. Ludwig Wiszulewski, a well-known specialist in diseases of women and children at Cracow, aged 49.

## ROYAL NAVY AND ARMY MILITARY SERVICES.

### THE CHADWICK TRUST.

THE trustees have, on the nomination of the Medical Director-General of the Navy, awarded the Chadwick naval prize of £100 and a gold medal to Surgeon O. W. Andrews, M.B., R.N., in consideration of his excellent work at the Royal Naval Hospital at Haslar in connection with sanitary science.

### ROYAL NAVY MEDICAL SERVICE.

STAFF-SURGEON HERBERT E. MARSH has been promoted to be Fleet-Surgeon, March 3rd. He was appointed Surgeon, March 31st, 1875, and Staff Surgeon twelve years after. He served with the Royal Marine Battalion at Suakin during the campaign in the Eastern Soudan in 1884-5, receiving the medal with clasp and the Khedive's bronze star.

### ARMY MEDICAL SERVICE.

SURGEON-GENERAL W. S. M. PRICE, now serving in Bengal, is appointed to officiate as Principal Medical Officer Bombay Command from February 8th.

### ROYAL ARMY MEDICAL CORPS.

LIEUTENANT-COLONEL J. J. GREENE, M.B., retires on retired pay, April 5th. He was appointed Surgeon, March 31st, 1874; Surgeon-Major, March 31st, 1886; and Surgeon-Lieutenant-Colonel, March 31st, 1894. He served in the Afghan war in 1878-80 (medal); with the Nile Expedition in 1884-5 (medal with clasp, and Khedive's bronze star); and with the Soudan Frontier Field Force in 1885-6.

Captain WILLIAM S. BOLES, M.B., and ALFRED L. F. BATE are promoted to be Majors, April 5th. The former dates as Surgeon-Captain from August 1st, 1885; the latter from July 28th, 1886.

Lieutenant-Colonel W. J. CHARLTON, who is serving in the Punjab Command, is appointed to officiate on the Administrative Medical Staff of the Indian Army, with the temporary rank of Colonel, from February 11th.

### INDIAN MEDICAL SERVICE.

LIEUTENANT-COLONEL E. PALMER, in medical charge of the 9th Bengal Lancers, is appointed Principal Medical Officer Tochi Force, *vice* Lieutenant-Colonel J. T. B. BOOKEY, granted leave out of India.

Surgeon-Major GEORGE CHARLES WALLICH, M.D., Retired List Her Majesty's Indian Army, died on March 31st, in his 34th year. He entered the service in 1838, and served in the Sutlej campaign in 1842, and in the Punjab campaign in 1847, receiving a medal for each. He was also engaged during the Southall rebellion in 1855-6, and retired from the service in 1858.

### COLONIAL NAVAL MEDICAL SERVICE.

MR. HARRY PAYNTER SLOGGETT, M.R.C.S.Eng., L.M.R.C.P.I., has been appointed a Surgeon on the unattached list of the Victoria Naval Brigade.

## MEDICO-LEGAL.

### "FRADULENT OR FELONIOUS."

THE advertisements of "Madame Frain" have been for long notorious, and attention has been called to them and their obvious meaning in these columns on several occasions. At an inquest held before Dr. Wynn Westcott, Coroner for the North-East Division of London, at the Hackney Coroner's Court recently, some evidence was given which throws an interesting light upon the manner in which this business is conducted. The person as to whose death the inquiry was held was a young married woman, who, according to the evidence of Dr. Leslie Durno, of Stoke Newington, died of syncope due to hæmorrhage consequent on abortion, how set up it was impossible to say. According to the evidence as reported in the *Daily News*, Mr. James Fox, of "Madame Frain's" Establishment, 1A, Hackney Road, stated that the business carried on at that address was that of a herbalist. Madame Frain had no connection with the business, and had not had for some time past. He knew nothing about the case.

Ada Cross, manageress of a department at "Madame Frain's," said that she remembered the deceased coming into the shop and asking for some medicine. She was given the usual form to fill in to the effect that she was not *enccinte*, and as she was unable to do so she was not served.

The Coroner: Be very careful, please, how you answer. Are you positive she was not served?

Witness: Yes; I am certain she was not.

The Coroner: Is this one of the bottles used for "Madame Frain's" mixture?

Witness: Yes; it is either one of our bottles or one of a similar shape

The Coroner: It is curious the deceased told her friends she had bought two bottles at your shop.

Witness: She could have purchased it at a chemist's. We supply a number of shops.

Philip Peron, the manager of "Madame Frain's," said that the medicine supplied by his firm was perfectly harmless.

The jury returned a verdict to the effect that "The deceased's death was due to syncope, the result of hæmorrhage consequent on abortion, for which no cause has been proved; and the jurors having heard the evidence as to the manner and conduct of the business called that of 'Madame Frain,' are of opinion that the business is either fraudulent or felonious."

## HOSPITAL AND DISPENSARY MANAGEMENT.

### ASSOCIATION OF ASYLUM WORKERS.

THIS Association, inaugurated in 1895 under the presidency of the late Sir B. W. Richardson, held its annual meeting on March 27th, Sir J. Crichton-Browne in the chair. The report for 1898 (presented by Dr. G. E. Shuttleworth, hon. sec.) showed steady progress both in numerical membership and in financial condition. The former had increased during 1898 from 2,534 to 2,890; and the aggregate receipts (including £76 7s. 6d. from the Home of Rest Fund) amounted to £254 7s. 9d. During the year lunacy legislation affecting superannuation allowances had been carefully watched in the interest of asylum workers; the training of attendants and nurses (in connection with the examinations of the Medico-Psychological Association, had been advocated. Sojourn at the seaside and other health resorts had been freely provided for ten members needing such change for the restoration of health; the *Asylum News* had been supplied monthly to each member of the Association; and an employment bureau had been successfully in operation.

Sir J. Crichton-Browne, in moving the adoption of the report, spoke of the advantages to be gained by this confederation of those engaged in asylum work (acting, of course, under medical control) in elevating the status and aspirations of attendants and nurses, and referred to the prospects of assured pensions, which he trusted they might secure under impending lunacy legislation, considering that asylum workers were quite as much entitled to them at the hands of county authorities as were police officers, whose duties were not one whit more trying or more wearing. He was of opinion that training on hospital lines would be of advantage to all nurses and attendants, and the more expert they became in their calling the greater the benefit that would accrue to the patients. Hence the necessity of securing and retaining the services of well-qualified persons, and this could only be done by treating them liberally and making the conditions of asylum life as agreeable as was practicable.

Miss Honnor Morten seconded the adoption of the report, and referred to the excellent arrangements for systematic nursing at the West Sussex Asylum.

Dr. Needham, Commissioner in Lunacy, in supporting the motion, referred to the sympathy felt by himself and his colleagues with every effort to improve the condition and prospects of asylum workers, and to their cordial approval of the objects of the Asylum Workers' Association.

The reappointment of officers was moved by Drs. Campbell, Chambers, Seymour Tuke, and G. E. Mould; and amongst other speakers were Drs. Elkins, Rawes, Haslett, and Outtersen Wood.

### EDINBURGH ROYAL INFIRMARY.

AT the last two meetings of the Board of Management of the Royal Infirmary of Edinburgh the following Resident Physicians were appointed for the period of six months from April 1st: A. Dingwall-Fordyce, M.B., C.M., to Professor Sir Thomas Grainger Stewart's wards; Andrew Gilmour, M.B., C.M., to Professor T. R. Fraser's wards; H. E. Gibbs, M.B., C.M., to Professor Greenfield's wards; John Henry Rhodes, M.B., C.M., to Professor Simpson's wards; Fred. W. Price, M.B., C.M., to Dr. Affleck's wards; James Burnet, M.B., C.M., to Dr. Smart's wards; Alex. Goodall, M.B., C.M., to Dr. James's wards; John M. Bowie, M.B., C.M., to Dr. Byrom Bramwell's wards; E. M. Lithgow, M.B., C.M., to Dr. George Gibson's wards. The following Resident Surgeons were appointed for the same period: R. F. McNair Scott, M.B., C.M. (Professor Chiene); A. McIntosh, M.B., C.M. (Dr. McLaren); Leonard J. M. Deas, M.B., C.M. (Dr. MacGillivray); J. D. Fraser, M.B., C.M. (Mr. Cotterill); W. Hope Fowler, M.B., C.M. (Mr. C. Cathcart); Geo. L. Chiene, M.B., C.M. (Professor Annandale). Non-Resident House-Physicians: W. Macrae Taylor, M.B., C.M., to Dr. J. Halliday Croom. Non-Resident House-Surgeons: C. Mowbray Pearson, M.B., C.M., to Dr. George Mackay; E. G. Ffrench, M.B., C.M., to Mr. Caird; William Finlay, M.B., C.M., to Dr. P. M'Bride; Charles Chilton, M.B., C.M., to Mr. Berry. Clinical Assistants: Charles Forsyth, M.B., C.M., to Professor Greenfield; W. Morrison Milne, M.B., C.M., to Dr. Alexander Bruce (at Ward 6); A. Hill Buchan, M.B., C.M., to Dr. Alexander Bruce (at medical waiting room); A. H. Macpherson, M.B., C.M., to Dr. R. W. Philip (at observation ward); John M'Gibbon, M.B., C.M., to Dr. William Russell; Thomas Paul Gray, M.B., C.M., to Dr. Murdoch Brown; J. D. Lithgow, M.B., C.M., to Dr. G. Lovell Gulland; John Malcolm, M.B., C.M., to Dr. R. F. C. Leith; T. Warren Colthurst, M.B., C.M., to Dr. P. H. MacLaren; G. L. K. Finlay, M.B., C.M., to Dr. George Mackay; T. J. Thomson, M.B., C.M., to Dr. W. Allan Jamieson; and Robert Cumming, M.B., C.M., to Dr. P. M'Bride; F. Mayes Wilcox, M.B., C.M., has been appointed Clinical Assistant to Dr. Dr. R. W. Philip at the medical waiting room; J. Wilson McIntosh, M.B., Ch.B., has been appointed Clinical Assistant to Dr. R. Milne Murray at the medical electrical department; and James A. Snoolbred, M.B., C.M., has been appointed Resident Medical Officer at the Convalescent House, Corstorphine—all for six months as from April 1st.

A HOSPITAL for sick children has recently been built at Athens. The new institution is under the patronage of Her Royal Highness the Princess Sophia, the wife of the Crown Prince of Greece.

## UNIVERSITIES AND COLLEGES.

## UNIVERSITY OF EDINBURGH.

CLOSE OF THE WINTER SESSION.—The medical classes in the University and Extra-Academical School were closed on Friday, March 24th, and will resume for the summer session on Tuesday, May 2nd.

FIRST PROFESSIONAL EXAMINATION FOR THE DEGREES OF M.B., CH.B.—The following candidates have passed this examination in the subjects indicated:—

**Botany.**—G. C. Anderson, F. L. Atkinson, C. M. Begg, J. Bentley, J. C. G. Carmichael, E. E. Cassaday, T. P. Caverhill, W. A. Cowan, H. Curwen, F. H. Dickson, F. C. Drew, R. H. Fothergill, E. G. Fraenkl, A. J. Gardner, E. I. Hall, C. H. Houghton, C. A. Lawrence, A. W. B. Loudon, J. A. Mathers, I. O. Maunsell, S. A. Moore, B. A. H. Porter, D. E. C. Pottinger, E. M. Reece, D. Sandler, J. B. Shields, B. M. S. Sodhi, A. W. K. Stratton, Amelia Sutcliffe, L. Turlansky, R. M. Walker, W. R. S. Watkins, and J. H. D. Webster.

**Chemistry.**—R. T. G. Aickin, D. Allison, J. A. Anderson, W. W. Anderson, G. W. Armstrong, C. A. Bennet, R. Blair, W. F. Brayne, B. A. F. Brennan, J. Brennan, E. C. Brown, L. G. Bruce, A. Buchanan, C. W. Burrows, W. S. Burton, H. Caird, R. A. Chambers, K. S. Clark, H. S. Coghill, E. L. Colby, A. F. R. Conder, J. H. Connolly, A. B. Cox, C. H. Craig, C. S. Crichton, D. H. Croom, F. D. Crosthwaite, R. Crothers, W. H. Cusack, A. Dangerfield, H. S. Davidson, J. Davidson, D. E. Derry, A. C. Devereux, J. M. Dewar, T. S. Dick-Cleland, F. H. Dickson, J. R. Dobbin, F. C. Drew, A. M. Dryden, C. E. Dumanoire, J. F. Duncan, A. M. Ebdon, E. L. Eyles, G. J. Farie, J. Findlay, H. N. Fletcher, J. Fortune, L. Fourie, A. N. Fraser, H. S. Gaskell, L. Gavin, A. C. Geddes, C. R. Gibson, F. H. Gibson, J. D. Giles, A. Gillespie, E. G. Girdwood, D. P. Goll, A. S. Gordon, A. Gray, M. A. Gurney, T. M. Guthrie, J. Halley, L. C. V. Hardwicke, D. G. Harries, C. R. F. Hartley, R. L. Henderson, I. Hill, A. E. Hodgson, A. F. Hughes, G. S. Husband, J. H. Jones, J. H. Kay, J. W. Keay, J. C. Keir, J. M. Kirkness, L. A. H. Lack, V. Langmore, F. E. Larkins, J. Launder, C. A. Lawrence, S. W. S. Leary, J. M. Lovatt, H. MacCormac, J. R. McGregor, G. S. Mackay, W. MacLaren, J. B. McNeill, I. M. MacRae, J. M. Turk, P. W. Mason, A. G. M. Middleton, G. H. S. Milln, C. R. P. Mitchell, S. A. Moore, B. A. H. Porter, W. C. Morton, M. A. E. Muir, P. H. Mules, C. H. Muller, H. L. Munro, D. M. Newton, W. H. Nutt, C. F. A. Oberlander, T. Peebles, W. D. Pierce, W. S. Pillans, J. A. Pottinger, A. F. Rabagliati, W. Readman, G. Ritchie, E. A. Robertson, W. H. Robertson, W. S. Robertson, W. S. I. Robertson, Amy Robinson, L. C. Robinson, S. M. Ross, J. A. Roux, F. G. Saleeby, W. Sanderson, D. J. Scott, D. G. Addison Scott, G. H. Skinner, J. H. Smith, S. W. Smith, E. M. Snowball, B. A. M. S. Sodhi, A. B. Spence, Amelia Sutcliffe, E. J. Taylor, T. Thomson, Louis Turlansky, E. A. Turpin, Caroline Twigg, R. Veitch, H. R. Vickers, W. R. S. Watkins, J. J. Wentzel, D. H. Wessels, F. A. Wille, G. H. Winch, A. C. T. Woodward, W. D. Wright, and G. W. Young.

**Physics.**—D. Allison, J. A. Anderson, G. W. Armstrong, C. M. Begg, W. F. Brayne, E. C. Brown, C. W. Burrows, W. S. Burton, H. Caird, R. A. Chambers, K. S. Clark, H. S. Coghill, E. L. Colby, G. M. Coughtry, C. H. Craig, C. S. Crichton, A. Dangerfield, H. S. Davidson, J. Davidson, D. E. Derry, J. R. Dobbin, C. B. Drew, F. C. Drew, A. M. Dryden, C. E. Dumanoire, J. F. Duncan, A. M. Ebdon, G. J. Farie, J. Findlay, F. S. B. Fletcher, H. N. Fletcher, J. Fortune, A. N. Fraser, H. S. Gaskell, A. C. Geddes, J. D. Giles, E. G. Girdwood, D. P. Goll, W. L. M. Goldie, E. S. Grubb, M. A. Gurney, P. Hallam, L. C. V. Hardwicke, R. L. Henderson, Isabella Hill, A. E. Hodgson, A. C. Hooper, A. F. Hughes, G. S. Husband, J. W. Keay, J. M. Kirkness, F. E. Larkins, J. M. Lovett, G. S. Mackay, J. B. McNeill, I. M. MacRae, P. W. Mason, A. G. M. Middleton, G. H. S. Milln, O. M. Mirylees, W. C. Morton, M. A. P. H. Mules, D. M. Newton, G. O. Norrie, T. Peebles, W. S. Pillans, Julia Pringle, E. A. Robertson, W. J. D. Robertson, W. S. Robertson, Amy Robinson, Sheila M. Ross, F. G. Saleeby, W. Sanderson, D. G. A. Scott, W. M. Selby, F. W. S. Shepherd, G. H. Skinner, G. D. Sloan, E. M. Snowball, A. B. Spence, Effie Stuart, E. A. Turpin, Caroline Twigg, R. Veitch, R. M. Walker, J. H. D. Webster, J. S. B. Weir, R. M. M. White, and A. C. T. Woodward.

**Zoology.**—R. T. G. Aickin, W. W. Anderson, W. J. Basson, C. M. Begg, L. H. I. Bell, J. Brennan, R. Buchanan, R. H. Carlisle, J. C. G. Carmichael, T. P. Caverhill, M. C. Cowper, A. B. Cox, R. W. Craig, D. H. Croom, F. D. Crosthwaite, R. Crothers, W. B. A. K. Cullen, W. H. Cusack, W. H. Davidson, J. N. Dewar, T. S. Dick-Cleland, F. C. Drew, J. F. Duncan, E. L. Eyles, J. Findlay, N. C. Forsyth, L. Fourie, E. G. Fraenkl, L. Gavin, F. H. Gibson, E. G. Girdwood, D. P. Goll, W. L. M. Goldie, A. S. Gordon, A. Gray, E. S. Grubb, J. Halley, G. Harrison, C. R. F. Hartley, R. L. Henderson, J. O. Heyns, Isabella Hill, J. Hunter, J. H. Kay, I. C. Keir, L. A. H. Lack, W. S. Laidlaw, R. H. S. Langeveldt, J. P. Launder, J. Launder, C. Lochrane, H. MacCormac, J. S. MacDonald, J. R. McGregor, W. E. Marshall, J. A. Mathers, I. O. Maunsell, C. E. F. von Mengershausen, C. R. P. Mitchell, H. Morrison, E. G. Morton, E. Muir, P. H. Mules, C. H. Muller, H. L. Munro, C. F. A. Oberlander, D. J. Paton, J. A. Pottinger, W. Reid, G. Ritchie, J. A. Roux, D. J. Scott, J. M. Selby, J. A. Small, J. H. Smith, B. M. S. Sodhi, N. Sturrock, Amelia Sutcliffe, E. J. Taylor, G. P. du Toit, L. Turlansky, W. R. S. Watkins, P. E. Weatherdon, D. C. Welsh, G. J. Wentzel, D. H. Wessels, F. A. Wille, G. H. Winch, H. S. Winterbotham, W. D. Wright, and G. W. Young.

## UNIVERSITY OF GLASGOW.

FIRST PROFESSIONAL EXAMINATION FOR THE DEGREES OF M.B. AND CH.B.—The following have passed this examination in the subjects indicated (B., Botany; Z., Zoology; P., Physics; C., Chemistry):

K. Adam (Z., C.), J. R. S. Anderson (B., Z., C.), G. Beattie (Z., C.), A. G. Bissett (C.), J. S. M. Bogle (Z.), W. T. Bolton (Z., C.), R. G. Bradford (Z.), J. C. Bringan (P.), T. Brodie (B.), J. Brown (B., Z.), C. H. Browning (Z., C.), R. Bruce (C.), R. H. Campbell (Z.), T. J.

M. Campbell, M.A. (Z.), A. A. Carruthers (B., Z.), R. P. Cartwright (B., C.), A. Connal (Z.), T. G. Copestake (B., Z., P.), J. C. Crawford (Z., C.), J. Cross (B., Z.), W. B. Cunningham (Z., C.), H. C. Davies (B., Z., P., C.), M. I. Dick (P., C.), D. Dickie (Z., C.), D. G. Dykes (Z., C.), J. Eadie (Z., C.), J. Ferguson (B., C.), C. C. Finlator (Z., C.), W. M. Gilmour (Z.), G. Gordon (C.), A. Greig (Z., C.), J. Hanson, M.A. (Z., C.), S. H. Harris (B.), W. Harvey (Z., C.), J. M. Huey (B., P.), J. G. Hume (B., Z., C.), A. Hunter (B., Z.), J. T. Kelly (B., C.), J. M. Kelly (Z., C.), J. Kerr (Z., C.), R. Laurie (B., C.), A. Leggat (P.), R. T. Leiper (Z., C.), R. Makins (B., P.), P. Millar (Z., C.), W. A. Milne (P.), A. J. Mitchell (Z., P.), D. R. Mitchell (Z., C.), S. Mort (Z., C.), J. B. Morton (Z., C.), G. Muir (Z.), G. D. Muir (Z.), A. H. Munro (Z.), J. B. McCabe (C.), J. D. McCulloch (Z., C.), J. G. McCutcheon (Z.), D. D. F. Macintyre (Z., C.), C. G. Mackay (Z.), J. M. McKellar (P., C.), J. C. McKenzie (C.), A. S. M. Millan (Z.), N. T. M. Murdo (Z.), N. S. MacNaughton (B., Z.), J. E. M. Vail (C.), J. A. Macvea (Z., P.), A. A. M. Whan (B.), D. Penman (B., P.), W. M. Rae (B., P.), G. Raeburn (Z., C.), W. Rankin (B., Z., P., C.), G. Richmond (B., Z., P., C.), P. H. Robertson (Z., C.), W. Robertson (Blackwood) (B., P., C.), C. Ross (Z.), J. Russell (P.), R. C. J. Schlomka (B., P.), W. G. Shand (Z., C.), J. M. Smith (Z.), J. A. Somerville (B., P.), J. Stevenson (B., Z.), J. B. Stevenson (Z., C.), W. D. H. Stevenson (Z., C.), N. B. Stewart (Z.), A. W. Sutherland (Z., P.), J. W. Sutherland (Z., C.), P. L. Sutherland (Z., C.), J. A. Thom (B.), J. Walker, M.A. (Z., P.), G. Wallace (C.), A. M. Watson (Z.), W. N. W. Watson (Z.), A. B. Watt (C.), R. Tait Wells (B., C.), J. F. Weston (B.), J. Wilson (Z., C.), E. Wright (Z., C.), H. Young (Z., P.), J. Young (Mount Vernon) (Z., C.).

**Women.**—J. Auld (P., C.), A. M. C. Black (P., C.), A. W. Cameron (P., C.), M. C. Cameron (C.), J. G. Duncan (P., C.), J. R. F. Gilmour (C.), M. Hardy (P., C.), A. P. Martin (P., C.), E. J. Miller (P., C.), I. D. Mitchell (P.), J. H. M. Ilroy, M.A. (Z., C.), A. W. Maclean (C.), E. J. M. Pryce (C.), M. H. Smart (B., P.), J. M. Stewart (P.), E. T. Talbert (B., C.), J. G. Waddell (B.).

SECOND PROFESSIONAL EXAMINATION FOR THE DEGREES OF M.B. AND CH.B.—The following have passed this examination in the subjects indicated (A., Anatomy; P., Physiology; M., Materia Medica and Therapeutics):—

J. Anderson (A.); T. Anderson (A., P.); W. Archibald (P.); R. W. Auld (A., P.); J. S. Barr (A., P.); A. Birch (A.); M. Brown (A., P., M.); P. T. Cairns (A.); S. J. Cameron (A., P.); J. J. Y. Campbell (M.); R. D. Campbell (A., P.); E. S. Chapman (A.); G. H. Clark (P.); J. B. W. Cook (A., P.); J. Craig (A., M.); A. Currie (A., P.); D. B. Davidson (A., P.); J. Davidson, M.A. (M.); F. L. Dickson (A.); R. N. Dunlop (A., P.); W. W. Farrar (A., P.); G. Ferguson (A., P.); D. J. Fletcher (A.); D. G. S. Gartshore (A.); J. Gemmell (P.); J. R. Gilmour (P.); W. Girvan (A., P.); J. D. Gourlay (M.); A. Gow (A.); J. Grace (M.); A. P. Granger (A., M.); J. Gregor (A., P.); G. P. Harlan (A., P.); L. C. B. Head (A., P.); F. J. Henry (A., P.); C. M. Hope (M.); D. W. Hunter (A., P., M.); M. Hunter (A., P.); W. J. Isister (A., P.); P. Jones (P.); W. B. Kerr (A., P.); D. R. Kilpatrick (A., P.); A. King (P., M.); J. D. Laidlaw (M.); J. Lambie (M.); J. F. Lambie (A., P.); A. Leitch (M.); F. J. Lochrane (A., P., M.); D. Longwill (M.); E. Magoveney (A., P., M.); W. A. Masson (A., P.); W. A. Mills (A., M.); W. A. Milne (A., P., M.); A. R. Moir (A., P.); A. Howie-Muir (A., P.); W. J. McFeat (M.); W. F. McGlashan (A., P.); T. M. Laren (M.); G. W. McMillan (P.); J. M. Pherstn, M.A. (M.); E. Orr (A.); R. Paterson (M.); J. Paton (A., P.); J. N. Prentice (A., P.); R. Ramsey (A., P.); T. H. Rankin (M.); A. Reid (P.); W. Robertson, Kilmarnock (A., P.); T. R. Rodger (A., P.); W. G. Rodger (A., P.); N. C. Rogers (A.); A. T. Ross (A.); C. J. Ross, B.A. (A., P., M.); E. H. Ross (M.); A. J. Smith (P.); J. Smith (P.); D. Spence (M.); D. Stead (A., P.); A. Stewart (A.); J. Stewart, M.A. (P.); R. E. Swan (P.); R. E. Thom (A.); J. N. Todd (A., P.); J. G. Tomkinson (A., P.); J. Turnbull (A., M.); W. D. Walker (M.); G. S. Wallace (A., P.); P. M. Vaughn (M.); R. G. White (A., P.); M. W. William (A., P.); D. A. Wilson (A.); J. Wilson (M.); W. W. Wilson (M.); R. Wylie (A.); W. R. Wylie (A., P., M.).

**Women.**—M. Adams (A., P., M.); D. A. M. Clark, B.Sc. (M.); H. M. Gordon (C.); S. S. Howden (M.); J. T. Miller (M.); A. Moorhouse (A., P.); M. J. Pirret (A., P., M.); M. E. Potter (M.); M. M. Ritchie (M.); M. A. T. Ritchings (A.); A. B. Sloan (P., M.); E. M. Sloan (P., M.); E. H. Smith (M.); H. F. Young (A., P.).

THIRD PROFESSIONAL EXAMINATION FOR THE DEGREES OF M.B. AND CH.B.—The following have passed this examination in the subjects indicated (P., Pathology; M., Medical Jurisprudence and Public Health):—

M. Aikman, M.A. (P.), G. Arthur (P., M.), G. Barbour (P., M.), J. O. Barclay (P., M.), T. T. Bathgate (P.), A. Binning (P.), H. E. Brown (P., M.), W. H. Brown (P.), J. D. Brownlie (P.), W. A. Burns (P., M.), T. Carruthers, M.A. (P., M.), E. P. Cathcart (P.), J. T. Clark (P.), R. Clark (P.), C. P. G. Crichton (P., M.), C. C. Cuthbert, M.A. (P., M.), A. W. W. Davidson (P., M.), D. C. Douglas (M.), J. Downie (P.), L. Findlay (P.), A. Fraser, M.A. (P.), M. W. Fraser (P., M.), G. Garrey (P., M.), E. Gillespie (P., M.), H. Goodman, M.A. (P., M.); C. A. Gourlay, M.A. (P.); C. H. Gunson (P.), A. W. Harrington (P., M.), J. M. Henry (P.), I. M. Huey (P., M.), N. M. Leys (P., M.), J. D. Lickley (P.), D. M. Livingston (P.), J. Lockhart (P., M.), A. Logan (P.), D. D. Logan (P., M.), R. Lunan (P., M.), J. Mains (P.), A. Mair (P.), R. M. Marshall (P.), A. Martin, M.A., B.Sc. (P.), J. Millar, M.A. (P., M.), N. M. Miller (P., M.), P. Moir (P., M.), D. Morrison (M.), A. Munro (P.), A. G. McKendrick (M.), G. S. McKinnon (P.), J. Mackinnon (P.), A. R. MacLurkin (P., M.), B. M. Phee (P., M.), D. M. MacRae, M.A. (P., M.), T. Neill (P., M.), W. B. I. Pollock (P., M.), P. M. Reid (P.), J. D. Richmond (P., M.), D. Russell (P.), J. Scott, M.A. (M.), E. W. Sharp (P., M.), J. Shearer (P., M.), D. A. Simon (P.), J. Streathearn (P., M.), R. Taylor (P., M.), J. C. Turnbull (P.), G. White (P.), A. Wilson (M.), T. W. Wilson (P., M.), H. P. Wright (P.), J. Young (P.).

**Women.**—A. Boyes (P., M.), G. J. Campbell (P., M.), L. S. Greig (P.), M. F. Liston (P., M.), J. M. F. Marshall (P., M.), K. M. Myhre (P.), C. C. W. Smith (P., M.).

SECOND PROFESSIONAL EXAMINATION FOR THE DEGREES OF B.M. AND C.M.—The following have passed this examination: R. Cumming, B.D., G. W. Milne, A. M.D. Nevin.

THIRD PROFESSIONAL EXAMINATION (REGIONAL ANATOMY AND MATERIA MEDICA) FOR THE DEGREES OF B.M. AND C.M.—The following have passed this Examination:

T. Holmes, J. D. Wilson.

#### VICTORIA UNIVERSITY.

SECOND M.B. EXAMINATION.—The following candidates have satisfied the Examiners in the subjects indicated:

*Anatomy and Physiology.*—J. Acomb, Yorks.; F. H. S. Ashworth, Owens; H. Bates, Univ.; J. L. Beddoes, Univ.; H. M. Birkett, Yorks.; J. W. H. Brown, Yorks.; F. Bullough, Owens; W. H. Canter, Yorks.; J. B. Cook, Owens; J. F. Corson, Owens; J. M. Cort, Owens; E. N. Cunliffe, Owens; T. Eastham, Owens; J. E. Floyd, Owens; J. A. C. Forsyth, Yorks.; H. E. Fox, Owens; G. W. Gelderd, Univ.; D. G. Gellatly, Owens; V. J. Glover, Univ.; P. H. Green, Owens; J. W. Greenwood, Owens; F. Griffiths, Univ.; W. S. Holmes, Owens; W. L. MacCormac, Yorks.; C. Mackay, Owens; C. T. Matthews, Yorks.; J. S. W. Nuttall, Univ.; T. F. Pugh, Univ.; A. Richmond, Owens; E. Saville, Yorks.; F. R. Sawdon, Owens; G. H. Shaw, Owens; K. Smailes, Yorks.; \*H. G. Tansley, Owens; H. C. Waterhouse, Owens; A. Wharton, Owens; B. M. Wilson, Owens; F. P. Wilson, Univ.; J. G. Woolham, Owens.

*Materia Medica and Pharmacy.*—C. W. S. Boggs, Yorks.; S. B. Brentnall, Owens; J. C. Caley, Yorks.; A. C. Clarke, Owens; A. M. Deane, Yorks.; J. A. C. Forsyth, Yorks.; P. T. Harding, Owens; J. L. Hawkes, Univ.; F. W. Hayes, Yorks.; G. R. Heath, Owens; M. Hooper, Owens; S. B. Mehta, Owens; J. B. O'Donoghue, Yorks.; M. B. Potts, Yorks.; S. W. Swindells, Yorks.; M. G. L. Walker, Yorks.; F. W. B. Young, Yorks.

\* University Scholarship.

FINAL M.B. EXAMINATION.—The following candidates have satisfied the Examiners:

*Part I.*—A. G. S. Broughton, Yorks.; T. L. Fennell, Owens; R. F. Ferris, Owens; A. E. Finney, Owens; E. F. Hill, Owens; A. E. Horsfall, Yorks.; C. E. Horsfall, Yorks.; S. K. Hutton, Owens; F. W. Johnson, Yorks.; L. R. Lempriere, Owens; B. C. Middleton, Owens; W. H. Morrison, Yorks.; R. V. A. Mosley, Yorks.; R. S. Nichol, Owens; W. P. Noall, Owens; H. W. Russell, Owens; G. M. Sharpe, Yorks.

*Part II.*—J. W. Aldred, Owens; T. T. Bark, Univ.; †J. Craig, Owens; J. T. Grierson, Univ.; T. W. Hart, Owens; J. E. Healey, Owens; W. S. Henderson, Univ.; J. E. W. McFall, Univ.; T. O'Neill, Owens; J. A. Reed, Yorks.; G. Renshaw, Owens; †W. H. Richardson, Owens; †O. H. Woodcock, Owens.

DEGREE CEREMONY.—The following candidates were presented on Wednesday, March 29th.

*Bachelors of Medicine and of Surgery.*—J. W. Aldred, Owens; T. T. Bark, University; †J. Craig, Owens; J. T. Grierson, University; T. W. Hart, Owens; J. E. Healey, Owens; W. S. Henderson, University; J. E. W. McFall, University; T. O'Neill, Owens; J. A. Reed, Yorks.; G. Renshaw, Owens; †W. H. Richardson, Owens; †O. H. Woodcock, Owens.

† Second-class honours.

#### CONJOINT BOARD IN ENGLAND.

THE following gentlemen have passed the Second Examination of the Board in the subjects indicated:

*Anatomy and Physiology.*—A. Gregory, Yorkshire College, Leeds; M. J. Rowlands, D. H. Evans, and T. Howell, University College, Cardiff; A. H. Norris and F. Forrest, Owens College, Manchester; J. Welsh, H. Pierpoint, University College, Liverpool; J. G. Higgins and J. L. Stephenson, St. Mungo's College, Glasgow; J. H. Reford and J. A. D. Radcliffe, Queen's College, Belfast; W. C. Bower, Medical College and University, Madras; A. E. Henton, Edinburgh University and St. Mary's Hospital; L. W. Huclun, St. Mary's Hospital; C. C. Drabble, Firth College, Sheffield; J. E. Adams and M. W. E. Widgren, St. Thomas's Hospital; A. Ashmore, Yorkshire College, Leeds; J. M. Pooley, J. L. Martin, and J. H. Wells, St. Mary's Hospital; T. W. Scott and E. G. Allport, Melbourne University; S. Child, Cambridge University and Guy's Hospital; O. C. H. L. Moll, Durham University, Guy's Hospital, and Mr. Cooke's School of Anatomy and Physiology; J. Braithwaite, G. W. C. Hollist, and H. Tipping, Guy's Hospital; C. Burrows, W. M. Strong, and R. D. Brown, Cambridge University and St. Thomas's Hospital; H. M. Churchill, London Hospital; C. R. H. Ball, Cambridge University and St. Bartholomew's Hospital; G. S. Ewen, St. Bartholomew's Hospital; J. Turle, University College, London; M. R. C. MacWatters, King's College, London; L. F. Lovell-Keays, G. C. Cross, Middlesex Hospital; H. R. P. Baker, St. George's Hospital; E. C. Whitehead, Westminster Hospital; R. E. H. Leach, T. Gibson, H. W. Sexton, and T. Jays, St. Thomas's Hospital; R. C. Lawry, P. P. Cole, W. W. C. Jones, N. N. A. Houghton, S. L. Pallant, and C. H. Bubb, Guy's Hospital; H. A. Cutler, Cambridge University and Guy's Hospital; J. Corbin, St. Bartholomew's Hospital; F. P. Connor, Calcutta and St. Bartholomew's Hospital; G. F. Gill, Otago University and St. Bartholomew's Hospital; H. B. W. Smith, London Hospital; P. G. Reilly, London Hospital and Mr. Cooke's School of Anatomy and Physiology; R. H. B. E. Hughes, G. J. Evans, and F. H. Smith, St. Mary's Hospital; T. M. Neahy, L. C. Hunt, and S. P. Mummery, St. George's Hospital; W. B. Blancy, E. Bayley, and F. M. Boclet, Charing Cross Hospital; J. A. Drake, King's College, London; J. P. Ellerington and H. R. FitzNattle, University College, London.

*Anatomy only.*—R. A. Pitter, Yorkshire College, Leeds; R. W. Hill, Owens College, Manchester.

*Physiology only.*—J. M. S. Duncan, London Hospital; J. P. E. Henery, St. George's Hospital.

Forty-three gentlemen were referred in both subjects, 1 in Anatomy only, and 1 in Physiology only.

## PUBLIC HEALTH AND POOR-LAW MEDICAL SERVICES.

#### HEALTH OF ENGLISH TOWNS.

In thirty-three of the largest English towns, including London, 6,570 births and 5,050 deaths were registered during the week ending Saturday last, April 1st. The annual rate of mortality in these towns, which had been 23.3 and 23.1 per 1,000 in the two preceding weeks, was again 23.1 last week. The rates in the several towns ranged from 13.2 in Cardiff, 17.1 in Croydon, 17.5 in West Ham, and 18.8 in Leicester, to 28.6 in Liverpool, 28.8 in Birmingham, 30.4 in Oldham, and 31.8 in Manchester. In the thirty-two provincial towns the mean death-rate was 23.8 per 1,000, and was 1.8 above the rate recorded in London, which was 22.0 per 1,000. The zymotic death-rate in the thirty-three towns averaged 1.8 per 1,000; in London the rate was equal to 1.7 per 1,000, while it averaged 1.9 in the thirty-two provincial towns, among which the highest zymotic death-rates were 2.8 in Oldham, 3.2 in Burnley, 3.6 in Birkenhead, and 5.5 in Swansea. Measles caused a death-rate of 2.3 in Bolton and 2.4 in Manchester; and whooping-cough of 1.3 in Hull, 1.6 in Plymouth, 2.3 in Birkenhead, and 2.8 in Burnley. The mortality from scarlet fever and from "fever" showed no marked excess in any of the large towns. The 68 deaths from diphtheria in the thirty-three towns included 31 in London, 10 in Swansea, 4 in Sheffield, 3 in Birmingham, and 3 in Liverpool. No fatal case of small-pox was registered last week in any of the thirty-three large towns, and only 1 small-pox patient was under treatment in the Metropolitan Asylums Hospitals on Saturday last, April 1st. The number of scarlet fever patients in these hospitals and in the London Fever Hospital, which had declined from 2,584 to 2,355 at the end of the four preceding weeks, had further fallen to 2,312 on Saturday last, April 1st; 167 new cases were admitted during the week against 217, 224, and 177 in the three preceding weeks.

#### HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday last, April 1st, 984 births and 711 deaths were registered in eight of the principal Scotch towns. The annual rate of mortality in these towns, which had been 21.0 and 21.8 per 1,000 in the two preceding weeks, further rose to 23.1 last week, and was 0.2 per 1,000 above the mean rate during the same period in the thirty-three large English towns. Among these Scotch towns the death-rates ranged from 18.9 in Paisley and 22.2 in Dundee to 28.1 in Aberdeen and 29.9 in Greenock. The zymotic death-rate in these towns averaged 3.2 per 1,000, the highest rates being recorded in Leith and Aberdeen. The 319 deaths registered in Glasgow included 13 from measles, 2 from scarlet fever, 10 from whooping-cough, 4 from "fever," and 20 from diarrhoea. Twelve fatal cases of whooping-cough, 3 of measles, and 2 of scarlet fever were recorded in Edinburgh, and 9 of measles in Aberdeen.

## MEDICAL NEWS.

A CASE of typhus fever was notified from Weston Street, Bermondsey, on March 25th. The patient was a woman, aged 24.

THE spring meeting of the South-Western Division of the Medico-Psychological Association will be held at the Grand Pump Room Hotel, Bath, on April 18th, at 2.45 P.M. Communications will be read on Hallucinations of the Olfactory Sense, the Incidence of Alcoholism to Insanity, and on Cases of Major Operations on the Insane.

THE Friday evening meetings of the Royal Institution will be resumed on April 14th, when Professor Rücker, F.R.S., will lecture on Earth Currents and Electric Traction. On the following Friday, April 21st, Dr. F. W. Mott, F.R.S., will give a lecture on the Structure of the Brain in Relation to its Functions.

A GENERAL abstract of marriages, births, and deaths registered in England in 1898 has just been issued as a Parliamentary paper. The estimated population of England in the middle of last year was 31,397,978; the marriages numbered 254,955; the births 922,873, and the deaths 552,040. Of the children born 468,780 were males and 454,093 females; and of the deaths 284,154 were those of males and 267,886 females. The population of London is now estimated at just over four and a half millions.

PRESENTATIONS.—Dr. W. S. Young of Garliestown, Wigtownshire, has been presented with seventeen volumes of scientific and general literature by the members of the Ambulance and Home Nursing Class which he has conducted. Dr. F. Turtle of Woodford, on resigning the office of Medical Officer to the Royal St. George Lodge of Oddfellows, was presented with an ebony walking stick with ivory handle, and bearing a silver band suitably inscribed, together with an address on vellum in a gold frame.



ON March 25th, in the theatre of the Belfast Royal Hospital, an address and a very valuable collection of instruments was presented to Dr. Alex. Montgomery, the senior house-surgeon, on the occasion of his resignation. The presentation was given by all the students attending the hospital, and was not confined to those who had been resident with Dr. Montgomery and the members of his clinical class.

### MEDICAL VACANCIES.

The following vacancies are announced:—

- BATH: EASTERN DISPENSARY.**—Resident Medical Practitioner. Salary, £100 per annum, with furnished apartments, coals, gas, and domestic attendance. Applications to Colonel F. V. Eyre, Honorary Secretary, Rockville, Lansdown, Bath, by April 22nd.
- BIRKENHEAD: BOROUGH HOSPITAL.**—Junior House-Surgeon. Salary £75 per annum, with board and lodging. Further £20 or £25 usually obtained in fees. Applications to the Chairman of the Weekly Board, by April 11th.
- BIRMINGHAM: GENERAL HOSPITAL.**—House-Surgeon. Appointments for six months. No salary; but residence, board, and washing provided. Applications to the House Governor by April 29th.
- BIRMINGHAM AND MIDLAND EAR AND THROAT HOSPITAL.**—House-Surgeon. Appointment for six months, subject to re-election. Salary at the rate of £42 per annum, with board, lodging, and washing. Applications to the Secretary at the Hospital, Edmund Street, Birmingham, by April 18th.
- BLACKBURN AND EAST LANCASHIRE INFIRMARY.**—Junior House-Surgeon. Salary to commence at £90 per annum, with board, washing, lodgings, etc. Applications to the Secretary, 15, Richmond Terrace, Blackburn, by April 22nd.
- CENTRAL LONDON OPHTHALMIC HOSPITAL, Gray's Inn Road, W.C.**—House-Surgeon. Board, residence, etc., provided. Applications to the Secretary by April 10th.
- CHARING CROSS HOSPITAL.**—Bacteriologist to the Hospital and Lecturer on Bacteriology at the Medical School. Applications to the Secretary by April 10th.
- CHESTER COUNTY ASYLUM.**—Junior Assistant Medical Officer, unmarried, and not more than 30 years of age. Salary, £120 per annum, rising to £150; also Pathologist. Salary, £150 per annum. Board, lodging, and washing provided in each case. Applications to Dr. Lawrence, County Asylum, Chester, by April 12th.
- DARLINGTON HOSPITAL AND DISPENSARY.**—House-Surgeon: unmarried. Salary, £140 per annum with rooms. Applications to the Secretaries, 80, Bondgate, Darlington, by April 20th.
- DENTAL HOSPITAL OF LONDON MEDICAL SCHOOL, Leicester Square.**—Demonstrator on Dental Surgery. Honorarium, £25 a year. Applications to the Dean by April 19th.
- EAST LONDON HOSPITAL FOR CHILDREN, SHADWELL, E.**—Medical Officer for the Casualty Department. Appointment for six months but renewable. Salary at the rate of £100 per annum. Applications to the Secretary by April 15th.
- GREAT NORTHERN CENTRAL HOSPITAL, Holloway Road, N.**—Assistant Anesthetist. Appointment for six months. Salary at the rate of 10 guineas per annum; and Surgeon to Out-patients, must be F.R.C.S. Eng. Applications to the Secretary by April 17th.
- KILBURN, MAIDA VALE, AND ST. JOHN'S WOOD GENERAL DISPENSARY.**—Vacancy on Honorary Medical Staff. Applications to the Secretary, 13, Kilburn Park Road, by April 22nd.
- KNIGHTON UNION.**—Medical Officer and Public Vaccinator for the Llanbister Union. Must reside in the district. Salary, £20 per annum, with usual medical fees, and fees for vaccination. Applications to the Clerk by April 19th.
- LEEDS HOSPITAL FOR WOMEN AND CHILDREN.**—House Surgeon (non-resident). Appointment for twelve months. Salary, £90 per annum. Applications to the Secretary of the Faculty by April 19th.
- LEICESTER INFIRMARY.**—Assistant House-Surgeon. Appointment for twelve months subject to re-election. Honorarium, £42. Board, residence, and washing provided. Applications to the Secretary, 24, Friar Lane, Leicester, by April 10th.
- LONDON COUNTY ASYLUM, Claybury, Woodfordbridge, Essex.**—Junior Assistant Medical Officer, between 23 and 30 years of age. Salary, £150 per annum, with board, furnished apartments, and washing. Applications on forms provided to be sent to the Asylums Committee Office, 6, Waterloo Place, S.W., by April 9th.
- LONDON HOSPITAL MEDICAL COLLEGE.**—Assistant Demonstrator of Anatomy. Salary, £90 per annum. Applications to the Warden by April 10th.
- NORTHAMPTON GENERAL INFIRMARY.**—Assistant to the House-Surgeon. Appointment for six months. Board, lodging, and washing provided, and honorarium of £25. Applications to the Secretary by April 14th.
- QUEEN CHARLOTTE'S LYING-IN HOSPITAL, Marylebone Road, N.W.**—Resident Medical Officer. Appointment for four months. Salary at the rate of £60 per annum, with board and residence. Applications to the Secretary by April 10th.
- ROTTERHAM HOSPITAL AND DISPENSARY.**—House-Surgeon and Assistant House-Surgeon. Salary 100 guineas and £30 per annum respectively, with rooms, commons, and washing provided in each case. Applications to the Secretary.
- ROXBURGH DISTRICT ASYLUM, Melrose, N.B.**—Assistant Medical Officer. Salary, £100 per annum, with furnished quarters, board, washing, and attendance. Applications to the Medical Superintendent.
- ROYAL FREE HOSPITAL, Gray's Inn Road, W.C.**—House-Surgeon. Appointment for six months. No salary, but board, etc., provided. Applications to the Secretary by April 15th.
- ROYAL HOSPITAL FOR DISEASES OF THE CHEST, City Road, E.C.**—House-Physician. Appointment for six months. Salary at the rate of £40 per annum, with board, lodging, and washing. Applications to the Secretary by April 11th.
- SCARBOROUGH HOSPITAL AND DISPENSARY.**—Senior and Junior Resident House-Surgeons. Appointment for former for one year, at a salary of £30 per annum; and for latter for six months at the rate of £50, subject to re-election. Board and lodging provided in each case. Applications to the Secretary, by April 14th.
- SHEFFIELD ROYAL INFIRMARY.**—Junior Assistant House-Surgeon. Salary, £50 per annum, with board, lodging, and washing. Applications to the Medical Staff of the Royal Infirmary, Sheffield, care of the Secretary, by April 19th.
- SHERWSBURY: COUNTY ASYLUM.**—Junior Assistant Medical Officer. Salary to commence at £120 per annum, rising £10 yearly to £140 (and £8 in lieu of beer, etc.), with board, lodging, and washing. Applications to the Medical Superintendent by April 12th.
- STAFFORDSHIRE GENERAL INFIRMARY, Stafford.**—Assistant House-Surgeon. Salary, £30 per annum, with board, lodging, and washing. Applications to the House-Surgeon by April 12th.
- STOCKPORT INFIRMARY.**—Assistant House- and Visiting-Surgeon. Salary £70 per annum, with board, washing, and residence; also a Junior Assistant House-Surgeon. Salary £22 per annum, with board, washing, and residence. Applications to the Secretary by April 18th.
- WEST LONDON HOSPITAL, Hammersmith Road, W.**—Assistant Physician: must be F. or M.R.C.P. Lond. Applications to the Secretary-Superintendent by May 3rd.
- WESTMINSTER HOSPITAL, Broad Sanctuary, S.W.**—Resident Obstetric Assistant. Appointment for six months. Board and lodging provided in the Hospital. Applications to the Secretary.

### MEDICAL APPOINTMENTS.

- ANDERSON, A. J., M.B., C.M.,** appointed Medical Officer of the Staines Union Workhouse.
- ARNOLD, E. G. E., M.R.C.S. Eng., L.R.C.P. Lond.,** appointed Senior Assistant Medical Officer of the Tenthth Park Workhouse.

- BACK, A. H., M.A. Camb., L.R.C.P. Edin., M.R.C.S. Eng.,** appointed Medical Officer for the Adelaide District of the Bislefield Union.
- BARRETT, E., M.R.C.P. Lond., M.R.C.S. Eng.,** appointed Medical Officer for the Maxey District of the Peterborough Union.
- BEALE, Peyton T. B., F.R.C.S. Eng.,** appointed Surgeon to In-patients at the Great Northern Central Hospital.
- BROWNLEE, John, M.A., M.D. Glasg., D.P.H. Camb.,** appointed Medical Officer of Health for the Island of Guernsey.
- BUTTERY, G. B., L.R.C.P. Edin., L.F.P.S. Glasg.,** appointed Medical Officer of Health for the Oldbury Urban District.
- CHRISTIE, B. E. Craig, M.B., C.M. Edin.,** appointed a Resident House-Physician to the Glasgow Royal Infirmary.
- DAWSON, W. R., M.D. etc. Dubl., M.R.C.P.I.,** to be Medical Superintendent, Farnham House Asylum, Finglas, Dublin.
- DUNBAR, A., M.B., C.M. Edin.,** appointed Medical Officer for the Acomb District of the Great Ouseburn Union.
- HORN, Arthur Edwin, B.Sc. Lond., M.R.C.S., L.R.C.P.,** appointed Assistant Medical Officer to the Chelsea Infirmary.
- HOSGOOD, S., M.R.C.S. Eng., L.S.A.,** appointed Medical Officer for the Swinton and Clifton Districts of the Barton-upon-Irwell Union.
- KELLYNACK, T. N., M.D. Vict., M.R.C.P. Lond.,** reappointed Pathological Registrar to the Manchester Royal Infirmary; and appointed Honorary Pathologist to the Manchester Clinical Hospital for Women and Children.
- LIVERSIDGE, William, M.B. Lond., M.R.C.S. Eng., L.R.C.P. Lond.,** appointed Senior House-Surgeon at the Blackburn and East Lancashire Infirmary, in the place of Robert Y. Aitken, M.D. Glasg., resigned.
- MCLEAN, John P., M.R.C.S., L.R.C.P.,** appointed Surgeon-Superintendent of the British Hospital, Constantinople, vice J. Pattison, resigned.
- PARRY, W. H., M.B., C.M. Glasg.,** appointed Medical Officer for the Workhouse and the Bettws-y-Coed and Trefriw district of the Llanrwst Union.
- RUTTER, F. B., M.D. Durh., F.R.C.S. Eng.,** appointed Medical Officer of the Workhouse and the First District of the Mere Union.

### DIARY FOR NEXT WEEK.

#### MONDAY.

- Medical Society of London, 8.30 P.M.**—Clinical Meeting. Dr. G. E. Herman: Case of Recurrent Cancer of Breast cured by Oophorectomy and Thyroid Extract.—Dr. F. E. Walters and Mr. L. A. Bidwell: Case of Lupus Erythematosus.—Cases will also be shown by Dr. Calvert, Mr. Battle, and others.
- Odontological Society of Great Britain, 40, Leicester Square, W.C., 8 P.M.**—Discussion of Dr. William Hunter's paper on the Relation of Dental Diseases to General Diseases; and papers by Mr. C. S. Tomes and Mr. C. B. Keetley.

#### TUESDAY.

- Royal Medical and Chirurgical Society, 8.30 P.M.**—Mr. G. H. Makins: On Prevesical Hernia, with the Relation of a Case in which Subacute Strangulation occurred.—Dr. Arthur G. Phear: The Clinical Examination of the Haemic Leucocytes.

#### WEDNESDAY.

- Dermatological Society of London, 11, Chandos Street, Cavendish Square, W., 5.15 P.M.**—Demonstration of Cases, etc.
- Sanitary Institute, 8 P.M.**—Discussion on Practical Hygiene Teaching in Elementary Schools, to be opened by Miss Alice Ravenhill.
- Hunterian Society, 8.30 P.M.**—Clinical Evening.—Cases will be shown by Dr. Herman, Dr. F. J. Smith, Dr. David Ross, and other Fellows.

#### THURSDAY.

- British Gynaecological Society, 8.30 P.M.**—Discussion on the Abdominal Causes of Death after Caesiotomy, to be introduced by Dr. W. J. Smyly of Dublin.

#### FRIDAY.

- Incorporated Society of Medical Officers of Health, High Holborn, W.C., 8 P.M.**—Dr. Alfred Hill: Antiseptics in Food.
- Clinical Society of London, 8.30 P.M.**—Mr. W. G. Spencer: Of a large Superficial Inguinal Artery in which the Blood was flowing from the Trunk to the thigh.—Dr. Rolleston and Dr. C. Ogilvie: Syphilitic Stenosis of the Bronchi.—Mr. Clement Lucas: Two Cases of Ununited Fracture of the Humerus, caused by the interposition of the Muscular Spiral Nerve between the Fragments.—Dr. S. West: The Skin Affections in Renal Disease.

### BIRTHS, MARRIAGES, AND DEATHS.

*The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which sum should be forwarded in post office order or stamps with the notice not later than Wednesday morning in order to insure insertion in the current issue.*

#### BIRTHS.

- ARMSON.**—On March 31st, at the Moat, Yoxall, Staffordshire, the wife of Frank G. Armson, M.R.C.S., L.S.A., of a daughter.
- GREENLEES.**—At the Residence, Grahamstown, South Africa, on March 10th, the wife of T. Duncan Greenlees, M.B. Edin., F.R.S.E., J.P., of a son.
- PEARSON.**—At Bridge House, Knottingley, Yorkshire, on Friday, March 31st, the wife of John Barnes Pearson, M.B., C.M., of a daughter.
- SORTAIN.**—March 24th, at 59, Old Sterne, Brighton, the wife of E. Lyddon Sortain, M.B. Cambridge, of a son.
- STEED.**—On April 4th, at Byford House, Hereford, the wife of John Steed, M.D., of a daughter.

#### MARRIAGES.

- PEDLEY-WOLSEY.**—On March 1st, at Denmark Place Baptist Church, by the Rev. W. R. Skerry, Samuel Edward Pedley, M.R.C.S., L.R.C.P., L.D.S., of Camberwell, to Ada Elizabeth, daughter of James Wolsey, of Shelford Lodge, Camberwell.
- WHYER-CRAY.**—At the Parish Church, Dalketh, on March 30th, by the Rev. Andrew Gray, D.D., father of the bride, assisted by the Very Rev. W. H. Gray, D.D., uncle of the bride, and the Rev. W. H. Gray, B.D., minister of Aberdeen, brother of the bride, James Curtis Whyte, M.D., The Elms, Eskbank, to Mary, only daughter of Dr. Gray, minister of Dalketh. At home, May 3rd, 4th, 5th.

#### DEATHS.

- DUNCAN.**—On April 5th, at 8, Henrietta Street, Covent Garden, James Andrew Duncan, M.B. Lond., in his 80th year.
- JACKSON.**—On March 28th, at 9, Evelyn Terrace, Brighton, the residence of her youngest son, Frances, daughter of the late James Swettenham, of Wirksworth, and widow of the late Henry Jackson, surgeon, of Sheffield, aged 98. No flowers.
- WARD.**—On February 25th, 1899, John Edmund Ward, of Surf Avenue, Coney I., New York (M.R.C.S., L.S.A. Eng.), youngest son of the late Joseph Ward, of Epsom, Surrey, surgeon.
- WALKER.**—At 7, Manor Place, Edinburgh, on March 28th, Christian Harriet Normand, younger daughter of Norman Walker, M.D., aged 8 years and 6 months.

## HOURS OF ATTENDANCE AND OPERATION DAYS AT THE LONDON HOSPITALS.

**CANCER, Brompton (Free).** Attendances.—Daily, 2. Operations.—Tu. W. F., 2.  
**CENTRAL LONDON OPHTHALMIC.** Attendances.—Daily, 1. Operations.—Daily.  
**CENTRAL LONDON THROAT, NOSE, AND EAR.** Attendances.—M. W. Th. S., 2; Tu. F., 5. Operations.—I. p., Tu., 2.30; o. p., F., 2.  
**CHAMBER CROSS.** Attendances.—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 1.30; Skin, M. F., 1.45; Dental, M., 9; Throat and Ear, F., 9. Operations.—Th. F. S., 3.  
**CHRISTIE HOSPITAL FOR WOMEN.** Attendances.—Daily, 1.30. Operations.—M. Th. F., 2.  
**CITY ORTHOPEDIC.** Attendances.—M. Tu. Th. F., 2. Operations.—M., 4.  
**EAST LONDON HOSPITAL FOR CHILDREN.** Operations.—M. W. Th. F., 2.  
**GREAT NORTHERN CENTRAL.** Attendances.—Medical and Surgical, M. Tu. W. Th. F., 2.30; Obstetric, W., 2.30; Eye, M. Th., 2.30; Throat and Ear, Tu. F., 2.30; Skin, W., 2.30; Dental, W., 2. Operations.—M. W. Th. F.  
**GUYS.** Attendances.—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu., 1; Skin, Tu., 1; Dental, daily, 9; Throat, F., 2. Operations.—Tu. F., 1.30; (Ophthalmic), M., 1.30; Th., 2.  
**HOSPITAL FOR WOMEN, SOHO.** Attendances.—Daily, 10. Operations.—M. Th., 2.  
**KING'S COLLEGE.** Attendances.—Medical and Surgical, daily, 2; Obstetric, daily, 2; o. p., daily, 1.30; Eye, M. W. Th., 1.30; Ear, Th., 2.30; Throat, M., 1.30 F., 2; Dental, M. Th., 10; Skin, W., 1.30. Operations.—W. Th. F., 2.  
**LONDON.** Attendances.—Medical, daily, i. p., 2; o. p., 1.30; Surgical, daily, 1.30 and 2; Obstetric, M. Tu. Th. F., 2; o. p., W. S., 1.30; Eye, Tu. S., 9; Ear, W., 9; Skin, Th., 9; Dental, Tu., 9. Operations.—Daily, 2.  
**LONDON TEMPERANCE.** Attendances.—Medical, M. Tu. W. Th. F., 1.30; Surgical, M. Th., 1.30. Operations.—M. Th., 4.30.  
**LONDON THROAT, Great Portland Street.** Attendances.—Daily, 2; Tu. F., 6. Operations.—Daily, 2.  
**METROPOLITAN.** Attendances.—Medical and Surgical, daily, 2; S., 9; Obstetric, W., 2; Eye, W., 2; Throat and Ear, Th., 2; Dental, Tu. Th. S., 9. Operations.—Tu. W., 2.30; Th., 4.  
**MIDDLESEX.** Attendances.—Medical and Surgical, daily, 1.30; Obstetric, Tu. Th., 1.30; o. p., M., 9; W., 1.30; Eye, Tu. F., 9; Ear and Throat, Tu. F., 9; Skin, Tu., 4; Th., 9.30; Dental, M. F., 9.30; W., 9. Operations.—Daily, 1.30.  
**NATIONAL ORTHOPEDIC.** Attendances.—M. Tu. Th. F., 2. Operations.—W., 10.  
**NEW HOSPITAL FOR WOMEN.** Attendances.—Daily, 2; Ophthalmic, W. S., 9.30. Operations.—Tu. F., 9.  
**NORTH-WEST LONDON.** Attendances.—Medical, daily, exc. S., 2; S., 10; Surgical, daily, exc. W., 2; W., 10; Obstetric, W., 2; Eye, W., 9; Skin, F., 2; Dental, F., 9. Operations.—Th., 2.30.  
**ROYAL EAR, FRITH STREET.** Attendances.—M. W. F., 3; Tu. F., 9.30 and 7.30. Operations.—Tu., 3.  
**ROYAL EYE, Southwark.** Attendances.—Daily, 2. Operations.—Daily.  
**ROYAL FREE.** Attendances.—Medical and Surgical, daily, 2; Diseases of Women, Tu. S., 9; Eye, M. F., 9; Skin, Th., 9; Throat, Nose, and Ear, W., 9. Operations.—W. S., 2; (Ophthalmic), M. F., 10.30; (Diseases of Women), S., 9.  
**ROYAL LONDON OPHTHALMIC.** Attendances.—Daily, 9. Operations.—Daily, 10.  
**ROYAL ORTHOPEDIC.** Attendances.—Daily, 2. Operations.—M., 2.  
**ROYAL WESTMINSTER OPHTHALMIC.** Attendances.—Daily, 1. Operations.—Daily, 2.  
**ST. BARTHOLOMEW'S.** Attendances.—Medical and Surgical, daily, 1.30; Obstetric, M. W. F., 2; o. p., W. S., 9; Eye, M. Tu. W. Th. S., 2; o. p., M. Th., 9; W. S., 2.30; Ear, Tu. F., 2; Skin, Tu., 9; Larynx, Tu. F., 2.30; Orthopaedic, M., 2.30; Dental, Tu. F., 9; Electro-chemical, M. Tu. Th. F., 1.30. Operations.—Daily, 1.30; (Ophthalmic), Tu. F., 2; Abdominal Section for Ovariectomy, F., 2.  
**ST. GEORGE'S.** Attendances.—Medical and Surgical, daily; i. p., 1; o. p., 12; Obstetric, i. p., Tu. F., 1.45 o. p., M. Tu., 2.30; Eye, W. S., 1.30; Ear, Tu., 2; Skin, W., 2.45; Throat, F., 2; Orthopaedic, F., 12; Dental, M. Tu. F., S., 12. Operations.—Daily, 1; Ophthalmic, M., 1; Dental, Th., 9.  
**ST. MARK'S.** Attendances.—Fistula and Diseases of the Rectum, males, S., 2; females, W., 9.30. Operations.—W. F., 2.30.  
**ST. MARY'S.** Attendances.—Medical and Surgical, daily, 1.45; o. p., 12.45; Obstetric, Tu. F., 1.45; o. p., M. Th., 1; Eye, Tu. F., 9; Ear, M. Th., 9; Throat, Tu. F., 3; Skin, M. Th., 9; Dental, W. S., 9; Electro-Therapeutics, M. Th., 2.30; Children's Medical, Tu. F., 9. Operations.—M., 2.30; Tu. W. F., 2; Th., 2.30; S., 10; (Ophthalmic), F., 10.  
**ST. PETER'S.** Attendances.—M., 2 and 5; Tu., 2; W., 5; Th., 2; F. (Women and Children), 2; S., 4. Operations.—W. F., 2.  
**ST. THOMAS'S.** Attendances.—Medical and Surgical, M. Tu. Th. F., 2; o. p., daily, 1.30; Obstetric, Tu. F., 2; o. p., W. S., 1.30; Eye, Tu. F., 2; o. p., daily, exc. S., 1.30; Ear, M., 1.30; Skin, F., 1.30; Throat, Th., 1.30; Children, S., 1.30; Electro-Therapeutics, o. p., Th., 2; Mental Diseases, o. p., Th., 10; Dental, Tu. F., 10. Operations.—M. W. Th. S., 2; Tu. F., 3.30; (Ophthalmic), Th., 2; (Gynecological), Th., 2.  
**SAMARITAN FREE FOR WOMEN AND CHILDREN.** Attendances.—Daily, 1.30. Operations.—Gynecological, M., 2; W., 2.30.  
**THROAT, Golden Square.** Attendances.—Daily, 1.30; Tu. F., 6.30. Operations.—Daily, exc. M., 10.  
**UNIVERSITY COLLEGE.** Attendances.—Medical and Surgical, daily, 1.30; Obstetrics, M. F., 1.30; Eye, M. W., 1.30; Ear, M. Th., 9; Skin, Tu. F., 2; Throat, M. Th., 9; Dental, Tu. F., 9.30. Operations.—Tu. W. Th. F., 2.  
**WEST LONDON.** Attendances.—Medical and Surgical, daily, 2; Dental, Tu. F., 9.30; Eye, Tu. Th., 2; Ear, Tu., 2; S., 10; Orthopaedic, W., 2; Diseases of Women, W. S., 2; Electric, M. Th., 2; Skin, M. F., 2; Throat and Nose, Tu., 2; S., 10. Operations.—Daily, about 2.30; F., 10.  
**WESTMINSTER.** Attendances.—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, Tu. F., 9.30; Ear, Tu., 1.30; Skin, W., 1.30; Dental, W. S., 9.15. Operations.—M. Tu. W., 2.

## LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

**COMMUNICATIONS FOR THE CURRENT WEEK'S JOURNAL SHOULD REACH THE OFFICE NOT LATER THAN MIDDAY ON WEDNESDAY. TELEGRAMS CAN BE RECEIVED ON THURSDAY MORNING.**  
**COMMUNICATIONS** respecting Editorial matters should be addressed to the Editor, 1, Agar Street, Strand, W.C. London; those concerning business matters, advertisements, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 429, Strand, W.C. London.  
**ORIGINAL ARTICLES** and **LETTERS** forwarded for publication are understood to be offered to the BRITISH MEDICAL JOURNAL alone, unless the contrary be stated.  
**AUTHORS** desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL are requested to communicate with the Manager, 429, Strand, W.C., on receipt of proof.  
**CORRESPONDENTS** who wish notice to be taken of their communications should authenticate them with their names—of course not necessarily for publication.  
**CORRESPONDENTS** not answered are requested to look at the Notices to Correspondents of the following week.  
**MANUSCRIPTS** forwarded to the OFFICE of THIS JOURNAL CANNOT UNDER ANY CIRCUMSTANCES BE RETURNED.  
**In order to avoid delay**, it is particularly requested that ALL letters on the editorial business of the JOURNAL be addressed to the Editor at the Office of the JOURNAL, and not at his private house.  
**TELEGRAPHIC ADDRESS.**—The telegraphic address of the EDITOR of the BRITISH MEDICAL JOURNAL is *Atiology, London*. The telegraphic address of the MANAGER of the BRITISH MEDICAL JOURNAL is *Articulate, London*.

**Queries, answers, and communications relating to subjects to which special departments of the BRITISH MEDICAL JOURNAL are directed will be found under their respective headings.**

## QUERIES.

A. W. S. asks whether there is any means by which a patient can be prepared for such operations as tonsillotomy with the view of preventing hæmorrhage. Would chloride of calcium be of any use? and, if so, how long would it be necessary to give it? in what amount? and how is it best administered?

H. G. B. wishes to find within distance of London a home for a lady, aged 48, who has had hystero-epilepsy, and has occasional attacks of mild delusional mania, but is very gentle and tractable at all other times. She has lived for 15 years with a nurse. She cannot afford more than £2 as. per week.

## ANSWERS.

A.—We think under the circumstances as narrated by our correspondent he is justified in taking over the case.

N. M. T. might consult *The Young Doctor's Future; or, What Shall be my Practice?* by E. Diver, M.D. (London: Smith, Elder and Co. 1885. 4s. 6d.)

L. R. C. P.—We may refer our correspondent to the letter on erythrol tetranitrate in a compressed form which was published in the BRITISH MEDICAL JOURNAL of January 7th, 1899, p. 57.

MR. LEGGE PAULLEY (Pulham Market, Harleston, Norfolk) writes: In answer to "J. M." Wm. Roope, carpenter, of this village, has made an "open-air shelter" for a patient of mine which answers admirably; he will be pleased to make others. My patient has increased 35 lbs. in weight during the six months she has used it.

MAJOR I. M. S. writes: In reply to the query by "Indian," in the BRITISH MEDICAL JOURNAL of March 18th, as to how long he should continue the astringent injection of glycerinum acidi tannici for chronic dysentery, I would suggest that he should keep it up for at least two months, and if it did not irritate use it every second day as before. He cannot be too careful with such a dangerous malady as chronic dysentery, and should spare no time, trouble or expense to get rid of it.

M. J. M.—(a) The information as to duties of medical inspectors of the Local Government Board, Ireland, may, perhaps, be had from the Secretary to the Local Government Board. (b) There are no special qualifications laid down. It is an advantage to have acted as temporary inspector, learning in this way the duties and the general character of the work. (c) The applications are sent to the Chief Secretary, who is President of the Board, accompanied by testimonials.

## TREATMENT OF OLD SINUS.

MR. T. S. ELLIS (Gloucester) writes: "Rusticus" might pass into the sinus, as far as possible, a strip of sublimate gauze previously dipped in chloroform, and leave it for twenty-four hours.

## GRANTS TO PUBLIC VACCINATORS.

Q. M.—The published records of moneys paid to public vaccinators in recent years under the head of awards for meritorious vaccination show that the percentages of these officers receiving grants have been 69, 67, 70, 72, and 73 in the five years ending with 1897, and an average of 71 per cent. for the quinquennia.

## INFLUENZA AND TYPHOID FEVER.

DR. W. GRAY (West Hartlepool) writes: In reply to the letter of Dr. Dobie, of Keighley, in the BRITISH MEDICAL JOURNAL of March 11th, let me say that I have seen cases similar to what he describes, and have recorded a typical example in a small work on *Influenza: with Special Reference to some Peculiar Symptoms*, which was published by Mr. H. K. Lewis for me in 1897.

## NOTES, LETTERS, Etc.

## THE HUNTER FUND.

MR. RIVERS WILLSON (Treasurer) (42, Wellington Square, Oxford) writes to acknowledge the following additional subscriptions received on behalf of this fund in response to his letter published in the BRITISH MEDICAL JOURNAL of April 1st, 1899, p. 827:

	£	s.	d.
Amount acknowledged March 28th, 1899...	...	5	10 0
W. Donett-Stone, M.D., 10, Oxford Terrace, W...	...	1	1 0
Edward Gibbs Smith, The Parade, Walton-on-Naze...	...	0	10 6
Samuel Clewin Griffith, M.D. (retired)...	...	1	1 0
D. M. King, M.D., Roseneath, Hounslow...	...	1	1 0
R. A. Fryer, M.B., 61, New North Road, N...	...	0	10 6
Richard Holton, Hedgesford, Staffs...	...	1	0 0
Dryden Stead, 95, Newtownards Road, Belfast...	...	0	10 6
G. K. P...	...	1	1 0
Arthur G. B. Lory, Chudleigh, South Devon...	...	0	10 0
Charles Turner Standring, Broadway, Worcestershire...	...	0	5 0
<b>Total</b> ...	...	£13	0 6

Dr. A. G. Bateman, Secretary of the Medical Defence Union, has joined the Hunter Fund Committee.