

ASSOCIATION INTELLIGENCE.

NOTICE OF QUARTERLY MEETINGS FOR 1889. ELECTION OF MEMBERS.

MEETINGS of the Council will be held on, July 10th, and October 16th, 1889. Candidates for election by the Council of the Association must send in their forms of application to the General Secretary not later than twenty-one days before each meeting, namely, June 20th, and September 26th, 1889.

Any qualified medical practitioner, not disqualified by any by-law of the Association, who shall be recommended as eligible by any three members, may be elected a member by the Council or by any recognised Branch Council.

Candidates seeking election by a Branch Council should apply to the Secretary of the Branch. No member can be elected by a Branch Council unless his name has been inserted in the circular summoning the meeting at which he seeks election.

FRANCIS FOWKE, General Secretary.

COLLECTIVE INVESTIGATION OF DISEASE.

THE series of Maps forming the Report of the Collective Investigation Committee on the GEOGRAPHICAL DISTRIBUTION OF RICKETS, ACUTE RHEUMATISM, CHOREA, CANCER, AND URINARY CALCULUS are deposited in the Library of the Association, and are open to the inspection of members. A descriptive commentary appeared in the JOURNAL of January 19th, 1889.

An inquiry into the ORIGIN AND MODE OF PROPAGATION OF EPIDEMICS OF DIPHTHERIA is in progress.

Memoranda and forms for communicating observations may be had on application to the Secretary of the Collective Investigation Committee, 429, Strand, W.C.

GRANTS FOR SCIENTIFIC RESEARCH.

THE Scientific Grants Committee of the British Medical Association desire to remind members of the profession engaged in researches for the advancement of medicine and the allied sciences, that they are empowered to receive applications for grants in aid of such research. Applications for sums to be granted at the next annual meeting should be made without delay to the General Secretary, at the office of the Association, 429, Strand, W.C. Applications must include details of the precise character and objects of the research which is proposed.

Reports of work done by the assistance of Association grants belong to the Association.

Instruments purchased by means of grants must be returned to the General Secretary on the conclusion of the research in furtherance of which the grant was made.

BRANCH MEETINGS TO BE HELD.

SOUTH WALES AND MONMOUTHSHIRE BRANCH.—The spring meeting of this Branch will be held on Wednesday, April 25th, at Aberdare. Subject for discussion, Sore Throat, introduced by W. Price, M.B., Cardiff. Members wishing to read papers, show cases, specimens, etc., should send title to Dr. Sheen before April 10th.—A. SHEEN, M.D., Cardiff; D. A. DAVIS, M.B., Swansea, Honorary Secretaries.

OXFORD AND DISTRICT BRANCH.—The next meeting of this Branch will be held on Friday, April 26th, in the Radcliffe Infirmary, at 3 P.M. Gentlemen intending to read papers or show cases are requested to communicate with the Honorary Secretary, W. Lewis Morgan, 42, Broad Street, Oxford, on or before April 12th.—S. D. DARBISHIRE, W. LEWIS MORGAN, Honorary Secretaries.

YORKSHIRE BRANCH.—The spring meeting of the Yorkshire Branch will be held on Wednesday, April 24th, at 3 P.M., in the Board Room of the Huddersfield Infirmary. Members intending to read papers, etc., are requested to communicate with ARTHUR JACKSON, Secretary, Sheffield.

NORTH OF IRELAND BRANCH.—A general meeting of this Branch will be held in the Royal Hospital, Belfast, on Thursday, April 25th, at 4 o'clock. Gentlemen who wish to bring any matter before the meeting will kindly communicate as early as possible with the Secretary, JOHN W. BYERS, M.D., Lower Crescent, Belfast.

SOUTHERN BRANCH: ISLE OF WIGHT DISTRICT.—The annual meeting will be held at the Pier Hotel, Ryde, on Thursday, April 25th, 1889, at 4 P.M.; T. A. Buck, M.B., President, in the chair. Proposed new District member: Brigade-Surgeon J. A. Knapps, Ventnor. Agenda: 1. Report of the proceedings of the District during the past year, by the President. 2. The election of officers and statement of accounts. 3. Next place of meeting. 4. An address by the President-Elect, J. M. Plett, M.D., at 4.45 P.M. 5. A Successful Case of Ovariotomy, with personal recollections of the operation during twenty-five years. Gentlemen who are desirous of introducing patients, exhibiting pathological specimens, or making communications, are requested to signify their intention at once to the Honorary Secretary. Dinner at 5.45 P.M.; charge 6s., exclusive of wine.—W. R. GREEN, Honorary Secretary.

NORTH OF ENGLAND BRANCH.

THE spring meeting was held at the Grand Hotel, Tynemouth, on Thursday, April 11th, at 3 P.M.

Exostosis.—Dr. ELLIS showed an exostosis removed from the external auditory meatus.

Tricuspid Regurgitation.—Dr. PHILIPSON read notes of a case of tricuspid regurgitation.—Drs. ELLIS and BARROW discussed the case, and Dr. PHILIPSON replied.

The Incidence of Albuminuria.—Dr. WILKINSON read a paper on the incidence of albuminuria in general practice.—A good discussion followed, in which Drs. PHILIPSON, ELLIS, DRUMMOND, WILLIAMSON, and MARTIN took part, and Dr. WILKINSON replied.

Congenital and Symmetrical Cataracts.—Mr. WILLIAMSON showed drawings of congenital and symmetrical cataracts occurring in a mother and her child.

Adonidine in Heart Disease.—Dr. OLIVER made some observations on the action of adonidine in heart disease, which Drs. PHILIPSON and ELLIS discussed, Dr. OLIVER replying.

Tumour of the Brain.—Dr. DRUMMOND showed a fresh specimen of tumour of the brain.

Dinner.—After the meeting the members dined together at 5 o'clock.

SOUTH-EASTERN BRANCH: WEST KENT DISTRICT.

A MEETING of the above District was held at the Hospital, Gravesend, on April 11th; C. E. ROBBS, Esq., in the chair.

Next Meeting.—It was decided to hold the next meeting at Rochester in June, and that Dr. J. V. Bell, the President of the Branch, be requested to preside.

Representative for Kent.—Dr. C. PARSONS, the Honorary Secretary of the Branch, was unanimously nominated representative for Kent on the Council of the Association.

Election of Honorary Secretary of District.—A. W. NANKIVELL, F.R.C.S., St. Bartholomew's Hospital, Chatham, was re-elected for the ensuing year.

Circular Letter to Branch Presidents.—Two resolutions, condemning this letter, were passed without a dissentient.

Communications.—The following papers were read and discussed so far as time would permit; 1. Mr. A. J. PEPPER: Colotomy, the method of performing it and the cases requiring it. 2. Dr. HOAR: Two Cases of Pseudo-Hypertrophic Paralysis, with living specimens. 3. Mr. W. JOHNSON SMITH: On the Radical Cure of Hernia.

Dinner.—Twenty-four members and visitors dined at the New Falcon Hotel.

BRITISH MEDICAL ASSOCIATION.

FIFTY-SEVENTH ANNUAL MEETING.

THE fifty-seventh Annual Meeting of the British Medical Association will be held at Leeds, on Tuesday, Wednesday, Thursday, and Friday, August 13th, 14th, 15th, and 16th, 1889.

President: Professor W. T. Gairdner, M.D., LL.D., Professor of Medicine in the University of Glasgow.

President-elect: C. G. Wheelhouse, F.R.C.S., J.P., Consulting-Surgeon, Leeds General Infirmary, Hillary Place, Leeds.

President of the Council: Thomas Bridgwater, M.B., LL.D., Harrow-on-the-Hill.

Treasurer: Constantine Holman, M.D., Reigate.

An Address in Medicine will be delivered by J. Hughlings Jackson, M.D., LL.D., F.R.S., Physician to the London Hospital, and to the National Hospital for Paralysed and Epileptic, Queen Square, W.C.

An Address in Surgery will be delivered by T. Pridgin Teale, M.B., F.R.C.S., F.R.S., Consulting Surgeon to the Leeds General Infirmary, Leeds.

An Address in Psychology will be delivered by Sir J. Crichton Browne, M.D., LL.D., F.R.S., Lord Chancellor's Visitor in Lunacy, London.

A. MEDICINE.—*President*, Thomas Clifford Allbutt, M.D., F.R.S. *Vice-Presidents*, Charles Parsons, M.D.; Robert Saundby, M.D. *Honorary Secretaries*, Alfred George Barra, M.D., 22, Park Place, Leeds; Theodore Dyke Acland, M.D., 7, Brook Street, Grosvenor Square, W.

B. SURGERY.—*President*, Thomas Richard Jessop, F.R.C.S. *Vice-Presidents*, Edward Atkinson, M.R.C.S.; Arthur F. McGill, F.R.C.S.; Henry Morris, F.R.C.S.; *Honorary Secretaries*, Arthur W. Mayo Robson, F.R.C.S., Hillary Place, Woodhouse Lane, Leeds; Edward Ward, M.B., 22, Park Place, Leeds.

C. OBSTETRIC MEDICINE AND GYNÆCOLOGY.—*President*, Charles J. Cullingworth, M.D. *Vice-Presidents*, James Braithwaite, M.D.; J. W. Byers, M.D. *Honorary Secretaries*, F. Hall, M.D., St. Mark's House, Leeds; Peter Horrocks, M.D., 9, St. Thomas's Street, S.E.

D. PUBLIC MEDICINE.—*President*, John Edwin Eddison, M.D. *Vice-Presidents*, George Goldie, L.R.C.P. Edin.; Shirley F. Murphy, M.R.C.S. *Honorary Secretaries*, George Eastes, M.B., 35, Gloucester Place, Hyde Park, W.; Arthur Stopford Underhill, M.D., Great Bridge, Tipton, Staffs.

E. PSYCHOLOGY.—*President*, D. Hack Tuke, F.R.C.P., LL.D. *Vice-Presidents*, W. Bevan Lewis, L.R.C.P.; Ringrose Atkins, M.D. *Honorary Secretaries*, John Greig McDowall, M.D., Menston Asylum, near Leeds; Robert Percy Smith, M.D., Bethlem Royal Hospital, S.E.

F. PATHOLOGY AND PHYSIOLOGY.—*President*, Joseph Coats, M.D. *Vice-Presidents*, Thomas Churton, M.D.; De Burgh Birch, M.D. *Honorary Secretaries*, Ernest Henry Jacob, M.D., 12, Park Street, Leeds; T. Wardrop Griffiths, M.B., 23, Park Square, Leeds.

G. OPHTHALMOLOGY.—*President*, George Anderson Critchett, F.R.C.S. Edin. *Vice-Presidents*, John Albert Nunneley, M.B.; George A. Berry, M.B. *Honorary Secretaries*, Gustavus Hartridge, F.R.C.S., 65, Green Street, Grosvenor Square, W.; R. N. Hartley, M.B., 29, Blenheim Terrace, Leeds.

H. DISEASES OF CHILDREN.—*President*, Thomas Scattergood, M.R.C.S. *Vice-Presidents*, Richard Favell, M.R.C.S.; A. H. Carter, M.D. *Honorary Secretaries*, Walter Henry Brown, M.R.C.S., 19, Queen Street, Leeds; Angel Money, M.D., 24, Harley Street, Cavendish Square, W.

I. LARYNGOLOGY.—*President*, Henry T. Butlin, F.R.C.S. *Vice-Presidents*, Francis de Havilland Hall, M.D.; Richard A. Hayes, M.D. *Honorary Secretaries*, G. M. Macdonald, M.D., 47, Queen Anne Street, Cavendish Square, W.; Barclay J. Baron, M.D., 16, Whiteladies Road, Bristol.

J. OTOLGY.—*President*, George P. Field, M.R.C.S. *Vice-Presidents*, Frederick Morrish Pierce, M.D.; Henry B. Hewetson, M.R.C.S. *Honorary Secretaries*, Adolph Bronner, M.D., 33, Manor Row, Bradford; G. William Hill, M.B., 27, Cornwall Road, W.

Honorary Local Secretaries, Charles J. Wright, M.R.C.S., Lynton Villa, Virginia Road, Leeds; Charles M. Chadwick, M.D., 3, Park Square, Leeds; G. Herbert Rowe, M.R.C.S., Hillary Place, Leeds.

PROGRAMME OF PROCEEDINGS.

TUESDAY, AUGUST 13TH, 1889.

- 9.30 A.M.—Meeting of 1888-89 Council.
- 11.30 A.M.—First General Meeting. Report of Council. Reports of Committees; and other business.
- 4 P.M.—Service in Parish Church. Sermon by the Right Rev. the Lord Bishop of Ripon.
- 8.30 P.M.—Adjourned General Meeting from 11.30 A.M. President's Address.

WEDNESDAY, AUGUST 14TH, 1889.

- 9.30 A.M.—Meeting of 1889-90 Council.
- 10 A.M. to 2 P.M.—Sectional Meetings.
- 3 P.M.—Second General Meeting. Address in Medicine by J. Hughlings Jackson, M.D., LL.D., F.R.S.
- 4.30 to 6 P.M.—Afternoon Reception at the Yorkshire College by the President, Council, and Senate of the College.
- 8.30 P.M.—*Conversazione* by the President of the Association and Local Executive Committee in the Art Gallery and Municipal Buildings.

THURSDAY, AUGUST 15TH, 1889.

- 9.30 A.M.—Meeting of the Council.
- 10 A.M. to 2 P.M.—Sectional Meetings.
- 3 P.M.—Third General Meeting. Address in Surgery by T. Priddin Teale, M.A., F.R.S., F.R.C.S.
- 4.30 to 6 P.M.—Probable visit to the new W.R. Asylum at Menston.
- 7 P.M.—Public Dinner of the Association in the Town Hall.

FRIDAY, AUGUST 16TH, 1889.

- 10.30 A.M. to 1.30 P.M.—Sectional Meetings.

3 P.M.—Concluding General Meeting. Address in Psychology by Sir James Crichton Browne, M.D., F.R.S.
4.30 to 6 P.M.—Garden Party at the W.R. Asylum, Wakefield.
8.30 P.M.—Reception and Ball by the Mayor of Leeds in the Town Hall.
SATURDAY, AUGUST 17TH, 1889.
Excursions.

SPECIAL CORRESPONDENCE.

AUSTRALIA.

MELBOURNE.

[FROM OUR OWN CORRESPONDENT.]

Intercolonial Medical Congress of Australasia. — Cholera and Quarantine. — Insanity in Australian Aborigines. — The Housing of the Insane. — Dipsomania. — The Executive of the Congress and the Governor.

SURGEON-MAJOR R. KIRTIKAR, of the Bombay Army, read a paper on "Cholera Quarantine; is it Scientifically Sanctioned?" He believed the whole subject to be still unsettled, and thought it necessary for the Government of India to establish a permanent board of research for carrying on systematic and prolonged investigations to determine the real nature of the disease. The Indian medical officers had neither the time nor the training to do so. The district sanitary officers merely travelled from village to village eight months in the year, supervising the work of vaccination. There seemed no doubt that contaminated water and food as the result of human intercourse introduced cholera into places where it did not previously exist. The drinking water might have nothing to do with it. During the late Afghan war cholera travelled from south to north, while the course of the Nari river which supplied water to the camp lay from north to south. In the Thana gaol and in the town, where there was a pure water-supply, cholera prevailed. It was most difficult to say how the poison originated. It was not only unscientific, but dangerous, to accept for sale in English or European markets bags of Indian wheat and rice which came from Indian ports, possibly from cholera-infected villages. English ports kept out vessels coming from a cholera-infected port, but took in grain bags without any precautions.

In the psychological section, the President, Dr. Manning, read a paper on "Insanity in Australian Aborigines," with a brief analysis of thirty-two cases. He said that among the aborigines, whilst in their primitive condition, insanity was rare. When it did occur, and the subject of it was violent and aggressive, he was promptly strangled; if melancholic and inclined to suicide, he was allowed to kill himself; if demented and helpless, he was left to die; and only when quiet and inoffensive was he allowed to continue in the tribe. The causation in the thirty-two cases cited was, beyond doubt, civilisation and its accompanying vices, together with altered habits of life. The prevailing type was acute mania, which unusually quickly passed into dementia with filthy and degraded habits. Epilepsy occurred in three cases. Nothing approaching general paralysis of the insane presented itself.

Dr. W. Beattie Smith read a paper on the "Housing of the Insane," with special reference to the boarding-out system, in which he approved of the combination of block and cottage, with separate accommodation for acute cases.

Dr. P. Smith (Queensland), in a paper on "Dipsomania," said inebriety was no longer regarded as arising from moral depravity, but as a physical disease, amenable to treatment. Two conditions were essential to the cure—withdrawal of alcohol, and securing a sufficient time (about a year) for repair to the damaged organs and tissues. Home treatment was hopeless. A percentage of recoveries of 35 was considered a fair average.

On the eve of the departure of the Governor from Victoria, the President of the recent Congress (Mr. T. N. Fitzgerald) and the members of the various committees waited upon His Excellency for the purpose of presenting him with an address expressive of their obligations to him for the support which he had given to the Congress, and at the same time to convey the thanks of the Congress to Lady Loch for the graceful hospitality dispensed by herself and her husband. The Governor expressed his thanks, and congratulated the members of the Congress upon the very great success which attended its proceedings.

Dr. G. D. Bird has just been elected to a seat in the Council of the University of Melbourne by a large majority.

would do what was immediately possible to remedy it. Some other barracks in the United Kingdom were in an equally bad condition, and the whole question of barracks had for some time past been receiving his most serious consideration. As he had already stated, he hoped to make proposals to the House this session dealing with the whole question.

Local Government Act, 1888, Amendment Bill.—On the motion of Sir JOHN LUBBOCK, a Bill to amend the Local Government Act, 1888, in relation to the London County Council, was introduced and read a first time.

Monday, April 15th.

Employment of Children in Theatres.—Mr. MATTHEWS, in answer to Mr. S. SMITH, said that the recommendations of the Royal Commission on Education with regard to placing young children employed in theatres under the provisions of the Factory Acts were under consideration, but he was not in a position to announce what course the Government would take.

Hours of Factory Labour in India.—Sir J. GORST, in answer to Mr. HOYLE, said full information respecting the hours of work in factories in India would be found in papers presented to the House as a return. The despatch from the Government of India on the subject of factory legislation was now under the consideration of the Secretary of State in Council.

Ventilation of the House.—Dr. FARQUHARSON asked the First Lord of the Treasury whether, in consequence of recent complaints, he would take into consideration the reappointment of the Select Committee which sat in 1886 on the ventilation of the House.—Mr. W. H. SMITH said this was a question for the decision of the House; but if hon. members who were interested in the subject would put themselves in communication with the member for Dublin University, the Government would be quite ready to consider whether sufficient cause was shown for the reappointment of the Select Committee of 1886.

Tuesday, April 16th.

The Small-pox Epidemic at Sheffield.—Mr. ROWNTREE asked the President of the Local Government Board whether, in view of the great importance of the subject treated of, the Government would furnish a copy of Dr. Barry's report on the outbreak of small-pox at Sheffield to the medical officers of health throughout the country.—Mr. RITCHIE said the Board could not undertake to supply all the medical officers of health throughout the country with copies of the report referred to; but they were in communication with the Treasury, with a view to a number of copies being placed at the Board's disposal for the purpose of distributing them among those persons who had rendered assistance in the inquiry, or to whom the report would be of chief value.

NOTICES.

Dr. FARQUHARSON: On May 14th to move a resolution in favour of medical inspection of public elementary schools, in order to prevent short sight and other effects encouraged by our present system of compulsory education.

Bill to Amend the Law relating to Burial.—Dr. CAMERON has given notice that he will move for the appointment of a Select Committee to inquire into the efficiency of the existing law as to the disposal of the dead, for securing a record of the true causes of death, and detecting deaths attributable to poison, violence, and criminal neglect.

HOSPITAL AND DISPENSARY MANAGEMENT.

BELFAST DISTRICT LUNATIC ASYLUM.

THE question of increased accommodation was again before the governors at their meeting upon April 8th, but it was determined to adjourn any action in the matter until the new Asylum Board be constituted. Mr. James H. Owen, the architect of the Commissioners of Control, has issued a report giving his estimate of the respective cost of the three schemes which have been under consideration. The present institution is estimated as containing accommodation for 550 patients, whereas it is calculated that the average number will henceforth be about 700. The first scheme is to enlarge the present building, which could be done at a cost of £39,500. The second scheme is to retain the present building, and supplement its accommodation by a new structure in some other part of the county. This would cost £63,000. The third scheme is to build an entirely new institution adequate to the needs of the district, at a cost of £78,000.

LINCOLNSHIRE COUNTY HOSPITAL.

ADMISSION OF MORIBUND PATIENTS.—The report of the Lincolnshire County Hospital calls attention to the impropriety of sending patients, sometimes even from a distance, in an almost moribund condition. Not only did this unfairly affect their death-rate, but the admission of such patients had a very bad effect upon other patients.

EAST PARK HOME FOR INFIRM CHILDREN, GLASGOW.

ON Saturday, April 13th, a new wing of the East Park Cottage Home for Infirm Children at Maryhill was formally opened by Sir John Neilson Cuthbertson. This addition to the home gives accommodation for thirty extra beds, bringing up the total accommodation to eighty beds—forty for boys and forty for girls. The total cost of the home for buildings and furnishings has been about £8,000, and this has already been met by subscriptions, except the small sum of £250, which, it is hoped, will soon be

wiped out. After the ladies and gentlemen present had walked through the wards and inspected the arrangements made for the relief of the patients, a special thanksgiving service was held, when addresses were delivered by the Rev. A. N. Somerville, Sir Michael Connall, and others.

COUNTY ANTRIM INFIRMARY, LISBURN.

THE most striking observation in the annual report of Mr. George St. George, Surgeon to the County Antrim Infirmary, is that the year 1888 was the first in which the plan of giving advice but not medicine to out-patients was tried. Apparently in consequence of this measure, the number of patients for the year dropped from 615 to 329, a diminution of 46.5 per cent. The number of in-patients was 418, being six less than in 1887. Sixteen deaths occurred, being equal to a mortality of a little over 4 per cent.; Mr. St. George also states that the total number of patients under treatment in the Thompson Memorial Institution for Incurables was 74, 24 new patients having been admitted during the year; 5 patients left of their own accord, and 11 died.

BRIGHTON THROAT AND EAR HOSPITAL.

THIS institution, which has been established for eleven years as a dispensary, has recently been converted into a hospital by the addition of an in-patient department, for the accommodation of a limited number of emergency cases. The movement was inaugurated by a well-attended public meeting, held at the Pavilion, on March 28th, under the chairmanship of the Bishop of Chichester.

UNIVERSITY INTELLIGENCE.

EDINBURGH.

THE half-yearly meeting of the General Council of the University of Edinburgh was held in the Examination Hall on April 16th; Principal Sir William Muir, Vice-Chancellor, presided. Mr. J. C. Lorimer presented the report of the Business Committee on University Legislation, which approved of the University Bill, subject to certain amendments. He said that the question of the extension of the university teaching in the extra-mural school was not a thing that should be committed to the University Commissioners, but should be left in the hands of each University Court. To put into the hands of the Commissioners such powers as was proposed would be to stereotype University extension. What the committee proposed was that the scheme suggested in regard to the affiliation of colleges should be applied to the question of extra-mural teaching. He moved the adoption of the report. Professor Crum Brown seconded the motion. Mr. Hope Finlay moved as an addendum: "That, having in view the provision in Section 16, Subsection 2, empowering the Commissioners to establish a fully-equipped school of medicine for the affiliated colleges of St. Andrews and Dundee, the sum to be charged upon the consolidated fund in Section 24 should be made adequate for the expenditure which is thereby contemplated." Dr. Hadden Hlawick seconded this motion. Professor Butcher moved: "That the alterations suggested on the matter of extra-mural teaching be omitted from the report." Dr. Traill seconded. A vote having been taken, the adoption of the report, with Mr. Hope Finlay's addition, was agreed to by a large majority.

GLASGOW.

PROFESSIONAL EXAMINATIONS IN MEDICINE.—The following gentlemen have passed the first professional examination for the degrees of M.B. and C.M.:—

P. Aitken, C. J. Babes, D. F. Brown, W. L. Brown, D. J. M. Campbell, R. Cochrane, R. R. Coyle, J. A. Creighton, J. C. Davies, J. D. Davies, D. S. Dewar, R. S. Dickson, H. C. Donald, G. Edgar, W. B. O. Ferguson, D. Frame, F. Gracie, A. Graham, A. A. C. Grant, P. N. Grant, R. Gray, J. Green, D. Harries, J. A. Harrison, E. Henderson, A. T. Hill, R. K. Howat, W. M. Hunter, R. James, N. S. Jeffrey, A. Kay, N. Keith, A. Kelso, D. M. King, R. Kirk, W. A. Kirkwood, D. C. Laird, J. Lamont, A. Lang, H. Lawrie, W. Muir, P. H. Murray, W. C. Murray, D. D. Macdonald, D. N. Macfarlane, J. McKay, G. Park, J. C. Paterson, J. Robertson, W. N. Sime, P. M. Smyth, M. Stewart, W. C. Thompson, G. N. Turner, D. C. Williams, C. F. Wylie, J. Yuill.

The following have passed the second professional examination:—

K. Adamson, C. A. Alexander, H. C. Anderson, T. P. Anderson, W. Barbour, J. P. Barr, J. H. Campbell, J. E. Chalmers, D. Christie, J. Cochrane, W. Craik, W. Crichton, J. Cross, E. Davies, W. Doyle, P. Drummond, M.A.: J. Dunlop, A. Goldie, R. Hamilton, J. J. Hood, F. W. E. Hutchison, J.

Johnson, C. Lavery, W. Mason, S. Macbirnie, N. Macintyre, R. J. Mackay, C. O'Neill, W. Park, W. A. Paterson, J. Purdie, M.A.; B. Riddell, W. Robertson, J. G. Ronald, R. H. Rothery, W. M'G. Smith, C. Symington, A. Watson, D. Watson, A. Waugh, J. L. White, J. W. White, J. Alexander Wilson, J. Allan Wilson, A. Wylie, J. Yuill, M.A.

The following have passed the third professional examination, including (in the cases marked with asterisks) the subject of pathology:—

A. Andrew, *A. A. Beale, R. Bell, *T. K. Bell, J. W. Boyd, J. A. Boyd, A. H. Browne, R. Brownridge, M. Bryson, J. S. Buchanan, J. Calderwood, J. D. Campbell, *H. Cane, *J. Caskie, W. Clark, *J. Cunningham, J. Fisher, L. Fraser, *J. Galloway, *W. Gemmell, H. W. Gentles, *M. Gillies, A. A. Gray, *J. Hardie, C. A. Henderson, W. K. Hunter, J. H. Jones, R. Kennedy, M.A., B.Sc.; D. Kerr, H. Lang, P. L. Lawrence, D. Lloyd, J. P. Low, *T. M. Martin, J. N. Matthews, *R. Miller, M.A.; *A. R. Mitchell, *A. C. Morrison, R. A. Morton, D. Muir, D. Murray, R. F. MacArthur, C. M'C. Macaulay, M.A.; A. M. G. Macdonald, J. M'Fadyen, J. P. MacLaren, M.A.; R. Nichol, W. H. Parry, *W. F. Paton, M.A.; *A. Patterson, J. A. N. Scott, A. Shiels, A. Smyth, R. Stevenson, J. Swanson, M.A.; A. W. Taylor, S. D. Thomson, *W. R. K. Watson, M.A.; W. E. Williams, J. R. Wortabet, J. J. T. Young.

[The candidates for the first examination numbered 130, for the second 67, and for the third 90. Of these, 57 passed in the first 46 in the second, and 61 in the third. Of the remainder, in each case the published results do not indicate whether they were sent back by the examiners, or did not present themselves for examination at all. In the first examination 15 passed in some subjects, though not in all, and are allowed to come up again for examination in the subject in which they failed, but, of course, they do not appear in the list of 57 who have passed. There seems no good reason why the Clerk of Senate should not publish returns in full, showing exactly the numbers who passed wholly or partially, the number who failed, and the numbers who withdrew. The degrees will be conferred at the close of the winter session, on the 26th inst. On that occasion, honorary degrees will also be conferred on the following: Mr. George Bullen, of the British Museum; Mr. Charles Gairdner, General Manager, Union Bank of Scotland; Professor Rodolfo Lanciani, of Rome; Mr. Walter C. Spens, Sheriff Substitute of Lanarkshire.]

PUBLIC HEALTH AND POOR-LAW MEDICAL SERVICES.

TENURE OF PUBLIC HEALTH APPOINTMENTS: PREVENTION OF DIPHtheria.

A MEETING of the Council of the Birmingham and Midland Branch of the Society of Medical Officers of Health was held at the Council House, Colmore Row, Birmingham, on April 4th. Mr. F. Hollinshead (Selly Oak) presided, and there were also present Dr. Bostock Hill, Dr. Underhill (Tipton), Dr. Page (Redditch), Hon. Secretary, Mr. Mann (Aston), and Mr. J. G. Beasley (Rowley Regis).

Dr. Page read a paper on "Permanence of Appointment in the Public Health Service," in which he described the present state of things as unsatisfactory, especially as regards tenure of office. An eminent authority had divided medical officers into three classes: (1) those who did nominal work and were distinguished as the dummies of sanitation, who looked after their own interests first, and pressed forward no unpopular measures; (2) those who really carried out sanitary work for the public weal in the face of their private practice; (3) those who by natural and unusual ability were successful in their sanitary work and private practice. He (Mr. Page) added a fourth class, the type of men they ought to have everywhere, who really carried out sanitary work and advanced sanitary science for the sake of the public weal alone, who, being debarred from private practice and adequately salaried, devoted their entire energies to the work. The original and truly economic sanitary work was done by officers who were debarred from practice, and it was to this type of men that the active sanitation of the country should be entrusted.

Dr. Bostock Hill read a paper on "Diphtheria." He said that the commonest predisposing causes of diphtheria were damp and polluted air and ground. The disease was spread by direct infection from person to person, also by the agency of milk and domestic animals. In the prevention of its spread, isolation was the most useful factor. Children suffering from diphtheria should be systematically prevented from attending school. The condition of things existing under the Elementary Education Act was positively dangerous to health. Large numbers of children were con-

fined in a few hundred cubic feet of air, a most unhealthy state of things. A case of diphtheria finding its way into such a place met with circumstances most favourable to its spread. The only safe course to prevent diphtheria obtaining a hold in elementary schools was rigorously to exclude every case of sore throat, however mild. Schools should also be inspected by a medical man at regular intervals. Considering the increase of diphtheria of later years, he regarded it as the duty of sanitary authorities to make adequate provision for the isolation of cases. Schools should also be disinfected at the end of every term. The State had no right, moral or legal, to compel children to attend schools unless the dangers of attending such schools were reduced to a minimum.

The Chairman endorsed Dr. Hill's opinion that diphtheria arose in many cases from what was called simple sore throat.

Dr. Underhill took exception to the theory that diphtheria had a bacillic origin. Chemical change was the cause of diphtheria, not the action of microbes. He admitted, however, that bacteria were to be found in cases of diphtheria.

Further discussion followed.

THE SANITATION OF HOUSES: LANDLORD AND TENANT.

A RATHER important decision was given by the Southwark police magistrate in the case of a summons by the sanitary inspector of St. George-the-Martyr against the owner of certain houses in the Borough. Notices were served by the sanitary authority under Section 81 of the Metropolis Local Management Act, and required the owner to provide the premises in question with sufficient sanitary arrangements and suitable water supply, ashpits, etc. The contention of the owner was that he was not liable on the ground that the tenants held the house on a repairing agreement; but Mr. Slade, after carefully going into the facts, said that it was only an agreement to clean and keep the place in fair tenable condition. What the sanitary authorities required was a structural alteration, which it was the duty of the landlord to make. He imposed a penalty of £5 in each case of defective closets, and £1 for defective ashpits, together with other penalties and costs, making in all £49 14s. It was stated, however, that the defendant would appeal. This decision, which is an important one, indicates how large are the powers which local authorities have of putting pressure on the owners of unhealthy houses to make good the defects, and we hope it may be taken as a good omen that one vestry at least in London is awaking to its powers and responsibility. Medical officers of health and inspectors will not fail to note this important decision, and we hope to act on it in numerous instances.

SANITATION OF HOUSES.

DR. SHERBURN, Mayor of Hull, is taking an active part in promoting the formation of one of the local committees now happily so numerous in connection with the Plumbers' Guild of London for securing the education and registration of plumbers. Dr. Sherburn has, we are informed, himself suffered from the effects of bad plumbing in his own family, cases of typhoid having occurred there from this cause. The active intervention of influential medical men has already in many other localities been of the greatest value in promoting this movement; and it will always be a source of satisfaction to remember that this movement first took definite shape in proposals brought before and adopted by the Sanitary Section of the British Medical Association at Liverpool. A similar movement is being prosecuted with great success at Preston, under the auspices of the Mayor. Preston has at present the unfortunate notoriety of having one of the highest death-rates in the kingdom.

HEALTH OF ENGLISH TOWNS.

IN twenty-eight of the largest English towns, including London, which have an estimated population of 9,555,406 persons, 5,626 births and 3,647 deaths were registered during the week ending Saturday, April 13th. The annual rate of mortality in these towns, which had been 19.9 and 20.3 per 1,000 in the two preceding weeks, declined again to 19.9 during the week under notice. The rates in the several towns ranged from 13.7 in Birkenhead, 13.9 in Wolverhampton, 14.8 in Derby, and 15.6 in Hull to 23.1 in Manchester, 28.2 in Newcastle-on-Tyne, 30.1 in Blackburn, and 31.0 in Preston. In the twenty-seven provincial towns the mean death-rate was 21.6 per 1,000, and exceeded by 3.7 the rate recorded in London, which was only 17.9 per 1,000. The 3,647 deaths registered during the week under notice in the twenty-eight towns included 174 which were referred to measles, 104 to whooping-cough, 45 to scarlet fever, 43 to diphtheria, 38 to "fever" (principally enteric), 32 to diarrhoea, and not one to small-pox; in all, 436 deaths resulted from these principal zymotic diseases, against 421 and 464 in the two preceding weeks. These 436 deaths were equal to an annual rate of 2.4 per 1,000; in London the zymotic rate was 2.2, while it averaged 2.5 per 1,000 in the twenty-seven provincial towns, among which it ranged from 0.9 in Wolverhampton, 0.4 in Brighton, and 0.6

in Norwich, to 4.6 in Birkenhead, 5.1 in Manchester, 5.5 in Preston, and 5.6 in Blackburn. Measles caused the highest proportional fatality in Preston, Oldham, Bolton, Birkenhead, and Manchester; scarlet fever in Birkenhead and Blackburn; whooping-cough in Newcastle-upon-Tyne, Cardiff, and Preston; and "fever" in Preston and Portsmouth. Of the 43 deaths from diphtheria recorded during the week in the twenty-eight towns, 36 occurred in London, and 3 in Birmingham. No fatal case of small-pox was registered during the week under notice, either in London or in any of the twenty-seven provincial towns; and no small-pox patients were under treatment in the Metropolitan Asylums Hospitals on Saturday, April 13th. These hospitals contained 520 scarlet fever patients on the same date, against 541 and 535 at the end of the two preceding weeks; 52 cases were admitted during the week, against 36 and 37 in the two previous weeks. The death-rate from diseases of the respiratory organs in London during the week under notice was equal to 4.7 per 1,000, and was below the average.

HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday, April 13th, 863 births and 588 deaths were registered in the eight principal Scotch towns. The annual rate of mortality, which had declined from 25.4 to 21.8 per 1,000 in the four preceding weeks, rose again to 23.0 during the week under notice, and exceeded by 3.1 per 1,000 the mean rate during the same period in the twenty-eight large English towns. Among these Scotch towns the lowest rates were recorded in Edinburgh and Dundee, and the highest in Paisley and Glasgow. The 588 deaths in these towns during the week under notice included 87 which were referred to the principal zymotic diseases, equal to an annual rate of 3.4 per 1,000, which exceeded by 1.0 the mean zymotic death-rate during the same period in the large English towns. The highest zymotic death-rates were recorded in Dundee and Glasgow. The 294 deaths registered in Glasgow during the week included 30 from whooping-cough, 23 from measles, and 3 from diphtheria. Nine fatal cases of whooping-cough were recorded in Dundee. The death-rate from diseases of the respiratory organs in these Scotch towns was equal to 4.8 per 1,000, against 4.7 in London.

MEDICAL NEWS.

ARRANGEMENTS are, we understand, in progress for celebrating the jubilee of King's College.

MEDICAL MAGISTRATE.—Mr. Joshua Powell, M.R.C.S., L.S.A., Newcastle Emllyn, has been placed on the Commission of the Peace for Cardiganshire.

A **SANITARY Association** is in course of formation at Stockport, and the unanimous appointment of Dr. Rayner, Medical Officer of Health, as the first president, is one which will give satisfaction.

THE annual dinner of the Pharmaceutical Society of Great Britain will take place at the Freemasons' Tavern on Tuesday, May 14th, at 6.30 for 7.

PRESENTATION.—Dr. Whitson, of Glasgow, has been presented by the members of his ambulance class with a handsome travelling-bag, with dressing-case combined.

MR. WILLIAM AGNEW has given £1,000 to endow a cot at the Children's Hospital, Manchester; he has also allowed a further extension of time of his offer of £200 towards a fund of £1,000 to be raised for the purpose of sending convalescent children to the seaside.

DR. T. S. SHORT, recently resident medical officer at the Jaffray Hospital, has been appointed resident medical officer at the General Hospital, Birmingham. Dr. Ballance, of London, has succeeded to the office at Gravelly Hill.

WE regret to see an announcement in the *New York Medical Record* of the death of Dr. R. P. Howard, who was for thirty-four years Professor, at first of Clinical Medicine, and afterwards of Medicine, in McGill University, Montreal.

CANDIDATES for matriculation at the University of London should notice that the June examination is, in the present and future years, to be held a week earlier than heretofore, commencing this year on Monday, June 1st.

THE Archbishop of Canterbury will preside at a Festival Dinner in aid of the National Hospital for the Paralysed and Epileptic (Albany Memorial), at the Hôtel Métropole, on Thursday, May 23rd, and will be supported by the Lord Chancellor and others.

SANITARY CONDITIONS OF LONDON CEMETERIES.—At a meeting of the Church of England Funeral Reform Association held at Westminster on April 11th, Earl Fortescue presiding, it was stated that the Government had promised to institute an inquiry respecting the conditions of the London cemeteries.

AMBULANCE CERTIFICATES TO RAILWAY MEN.—First aid certificates were recently presented to twenty-seven members of the Lancashire and Yorkshire Railway Company, Bolton, who had passed through a course of instruction in connection with the St. John Ambulance Association. At the close of the presentation

Dr. Johnston, by whom the class had been conducted, was presented with a testimonial, which took the form of a handsome walnut writing cabinet elaborately fitted.

THE LATE DR. JOHN SWINBURNE, OF ALBANY.—The death is announced of Dr. John Swinburne, who was in charge of the American Ambulance Corps during the siege of Paris. Dr. Swinburne, who was 63 years of age, had also served with the Federal Army during the American Civil War, but the greater part of his life was spent in Albany, New York; he was Mayor of the town in 1882, and subsequently sat in Congress. At one time he was health-officer of the port of New York. The *New York Medical Record* states that, in his ambulance work, he always favoured conservative surgery.

INTERNATIONAL CONGRESS OF PHYSIOLOGISTS.—A Congress of Physiologists will be held at Bale, beginning on Tuesday, September 10th, 1889, with the object of promoting the progress of physiology by affording an opportunity of personal intercourse and the friendly interchange of ideas between physiologists of all nations. It is proposed to confine the attention of the Congress to physiological questions, and to such points of anatomy, histology, physics, chemistry, experimental pathology, and pharmacology as bear directly on physiology; further, it is desired that all communications should be as fully demonstrative and experimental as possible. Physiologists residing in Great Britain or the Colonies who propose to be present are requested to communicate with Professor G. F. Yeo, King's College, London, W.C., and to make known to him any subject which they may desire to bring forward. It is not intended to publish any record of the proceedings of the meeting.

EXAMINING BOARD IN ENGLAND BY THE ROYAL COLLEGES OF PHYSICIANS AND SURGEONS.—The following gentlemen passed the Second Examination in Anatomy only at a meeting of the Board of Examiners on April 11th, namely:—

E. W. Brewerton, G. F. Holt, R. H. Jackson, W. H. Orr, O. W. Owles, and R. J. Rastrick, students of St. Bartholomew's Hospital; W. D. Akers, and R. D. Moore, of St. Mary's Hospital; S. R. Nicholls, J. R. Preston, H. C. Will, and G. E. Williams, of London Hospital; E. E. B. Landon, P. M. May, and S. J. Roberts, of Guy's Hospital; J. H. Busted, of Guy's Hospital and Mr. Cooke's School of Anatomy and Physiology; F. Fawcett, F. W. Fullerton, W. J. Harper, P. Northcote, and A. G. Tribe, of St. Thomas's Hospital; J. A. L. Campbell, of Westminster Hospital.

Passed in Physiology only.

J. B. Manlove, C. K. Moseley, and H. T. Parker, of St. Bartholomew's Hospital; J. C. Cook, and H. W. Kendall, of Middlesex Hospital; H. S. Goodworth, H. H. Kendrick, and C. A. Wessels, of London Hospital; E. C. de Kretzer and C. B. Lourensz, of Ceylon; H. C. Perkins, of King's College; B. S. Jones, of St. Thomas's Hospital; and T. S. Robinson, of Guy's Hospital.

Passed in Anatomy and Physiology on April 12th.

F. P. S. Cresswell and A. M. Daldy, of Guy's Hospital; A. T. Cooper and C. B. T. Musgrave, of University College; C. Hays, B. H. F. Leumann, and W. E. Miles, of St. Bartholomew's Hospital; A. Banks, P. C. Gabbett, C. S. Jaffe, H. E. Staddon, of St. Thomas's Hospital; H. S. Covernton, of Middlesex Hospital; H. A. Stonham, of Westminster Hospital; E. M. Bloomfield, of London Hospital; H. D. Hey, R. B. Manning, and J. O. Summerhayes, of St. Mary's Hospital; R. G. Turner, of St. George's Hospital.

Passed in Anatomy only.

F. Lewarne and A. W. Port, of St. Bartholomew's Hospital; G. F. J. Darker, T. W. Hicks, and C. H. Rock, of St. Thomas's Hospital; F. Roth, of St. Mary's Hospital; J. T. R. Wylie, of St. George's Hospital; T. W. Smith, of King's College.

Passed in Physiology only.

R. J. Fyfe, of London Hospital; J. Morrison, of St. Bartholomew's Hospital; and W. A. Ward, of Middlesex Hospital.

Passed in Anatomy and Physiology on April 15th.

F. V. Bunch, A. B. Jones, and W. T. Page, of University College; H. W. Arnstead, G. B. Griffiths, J. O. Harvey, and O. L. Holst, of St. Bartholomew's Hospital; C. Billson, J. H. Fisher, B. G. Heather, and J. G. Turner, of St. Thomas's Hospital; G. Clarke, E. W. Simmons, of St. Mary's Hospital; W. M. Palmer, of Charing Cross Hospital; T. Carwardine, of Middlesex Hospital; T. Oliver, of King's College; J. C. King, of Westminster Hospital; H. C. Sargent, of London Hospital; and C. C. S. Barry, of St. George's Hospital.

Passed in Anatomy only.

G. W. Buxton, of St. Bartholomew's Hospital; E. W. Adams and G. H. Longton, of King's College; J. H. Whitehead, of Charing Cross Hospital; N. E. Norway, of St. Mary's Hospital; T. E. Lloyd, of Middlesex Hospital; W. A. Hayes and W. H. Payne, of University College.

Passed in Physiology only.

E. H. Bingley, of St. Mary's Hospital; R. L. Romer, of St. George's Hospital; and A. T. Wysard, of St. Thomas's Hospital.

Passed in Anatomy and Physiology on April 16th.

H. A. Ballance, F. W. Bartlett, R. C. Bartlett, and E. W. Selby, of University College; H. G. Waters and W. L. Wainwright, of St. Thomas's Hospital; H. O. Davies and H. Rochford-Brown, of St. Bartholomew's Hospital; H. R. Bowtell, A. W. W. Hoffman, J. P. Oliver, of Charing

Cross Hospital; E. A. Nathan, of St. Mary's Hospital; T. Warner, of King's College; and G. Pires, of Bombay and University College.

Passed in Anatomy only.

H. Arathoon, R. J. Hillier, and H. Thomas, of St. Bartholomew's Hospital; F. B. Rockstro and H. D. Senior, of Charing Cross Hospital; E. Y. Watson, of St. Thomas's Hospital.

Passed in Physiology only.

W. B. Jones and A. F. H. Wray, of St. Bartholomew's Hospital; W. A. Stephenson, of Charing Cross Hospital; and E. Sly, of King's College.

KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.—

At the usual monthly examinations for the Licences of the College held on Monday, Tuesday, Wednesday, and Thursday, April 8th, 9th, 10th, and 11th, 1889, the following candidates, being registered medical practitioners, were successful:—

For the Licence to Practise Medicine.—T. Beard, L.S.A.Lond., Dublin; J. W. Boyce, M.B., Univ.Dubl., Blackrock, Co. Dublin; J. Craig, M.B., Univ.Dubl., Dublin; J. P. Daly, L.R.C.S.I., Monasterevan, Co. Kildare; N. McI. Falkner, M.B., Univ.Dubl., Dublin; F. W. Kidd, M.D., Univ.Dubl., Dublin; T. H. H. S. Torney, L.R.C.S.I., Dublin.

For the Licence to Practise Midwifery.—T. Beard, L.S.A.Lond., Dublin; J. P. Daly, L.R.C.S.I., Monasterevan, Co. Kildare; F. W. Kidd, M.D., Univ.Dubl., Dublin; J. McMaster, M.D., R.U.I., Bronghshane, Co. Antrim.

MEDICAL VACANCIES.

The following Vacancies are announced:

- BIRMINGHAM GENERAL DISPENSARY.**—Resident Surgeon. Salary, £150 per annum, with extras, furnished rooms, etc. Applications by May 8th to the Secretary.
- BOROUGH OF BLACKBURN.**—Medical Officer of Health. Salary, £500 per annum. Applications by April 24th to W. E. L. Gaine, Esq., Town Clerk, Town Hall, Blackburn.
- BRIGHTON, HOVE, AND PRESTON DISPENSARY.**—Two House-Surgeons. Salary, £140 per annum, with apartments, etc. Applications by April 27th to the Assistant Secretary.
- CLINICAL HOSPITAL FOR WOMEN AND CHILDREN, Manchester.**—House-Surgeon. Salary, £80 per annum, with apartments and board. Applications by May 1st to Mr. Hubert Teague, Secretary, 38, Barton Arcade, Manchester.
- COUNTY BOROUGH OF SALFORD.**—Medical Officer of Health. Salary, £500 per annum. Applications by April 2nd to the Chairman of the Health Committee, Town Hall, Salford.
- COUNTY COUNCIL, County of London.** Medical Officer of Health. Salary, £1,000 per annum. Applications by April 20th to the Acting Clerk of the London County Council, Spring Gardens, S.W.
- CRIGHTON ROYAL INSTITUTION, Dumfries.**—Junior Medical Assistant. Salary, £100 per annum. Applications to the Medical Superintendent, Dr. Rutherford.
- DENBIGHSHIRE INFIRMARY, Denbigh.**—House-Surgeon. Salary, £85 per annum, with board and lodging. Applications to the Secretary.
- EAST LONDON HOSPITAL FOR CHILDREN, Shadwell, E.**—Resident Clinical Assistant. Board and lodging. Applications by April 25th to the Secretary.
- GREAT NORTHERN CENTRAL HOSPITAL, Holloway Road, N.**—House-Physician. Salary, £50 per annum, with board and lodging. Applications by April 26th to the Secretary.
- GROVE HALL ASYLUM, Bow, E.**—Assistant Medical Officer. Salary, £120 per annum, with board and lodging. Personal application to be made at the Asylum.
- LAMPETER UNION.**—Medical Officer, Medical Officer of Health, and Public Vaccinator. Salary, £40 per annum, and vaccination and extra fees. Applications by May 2nd to D. Lloyd, Esq., Clerk, Lampeter.
- MIDDLESEX HOSPITAL, W.**—Medical Registrar. Applications by April 27th to the Secretary Superintendent.
- MONTROSE ROYAL LUNATIC ASYLUM.**—Junior Assistant Medical Officer. Salary, £100 per annum, with board and lodging. Applications to Dr. Howden, Medical Superintendent.
- PUBLIC DISPENSARY, Stanhope Street, Clare Market.**—Resident Medical Officer. Salary, £105 per annum, with furnished apartments, coals, and gas. Applications by May 8th to the Secretary.
- ROYAL ISLE OF WIGHT INFIRMARY, Ryde.**—House-Surgeon and Secretary. Salary, £50 per annum, with board, lodging, etc. Applications by April 22nd to the Secretary.
- SMEDLEY'S HYDROPATHIC ESTABLISHMENT, Matlock.**—Resident Junior Physician. Salary, 100 guineas per annum, with board. Applications by April 30th to the Secretary.
- STAFFORDSHIRE COUNTY LUNATIC ASYLUM, Stafford.**—Junior Assistant Medical Officer. Salary, £100 per annum, with apartments, and board. Applications to the Medical Superintendent.
- TORBAY HOSPITAL AND PROVIDENT DISPENSARY, Torquay.**—House-Surgeon and Dispenser. Salary, £80 per annum, with board and lodging. Applications by May 20th to W. H. Kitson, Esq., Honorary Secretary, Shipway, Torquay.
- WESTERN GENERAL DISPENSARY, Marylebone Road.**—Junior House-Surgeon. Salary, £75 per annum, with furnished apartments. Applications by May 3rd to the Secretary.

MEDICAL APPOINTMENTS.

ANDREWES, F. W., M.B.Oxon., M.R.C.S., appointed Assistant-Physician (for out-patients) to the Royal Free Hospital, Gray's Inn Road, *vice* J. Cockle, M.D., F.R.C.P., resigned.

CARTER, D'Arcy, B., M.R.C.S., L.R.C.P., L.M., appointed Medical Officer to the Woodhouse Grove School, Apperley Bridge, near Leeds.

DOUTHWAITE, G. H., L.R.C.S.Edin., L.R.C.P., appointed House-Surgeon to the Monkwearmouth Dispensary, *vice* A. S. Brewis, M.B., B.S.Durh., resigned.

EDWARDS, O. H., L.K.Q.C.P.I., appointed Resident Medical Officer to the Hospital for Infectious Diseases, Bootle-cum-Linacre, *vice* G. B. Heffernan, L.R.C.S.I., L.M., resigned.

EVANS, W. T., M.B., C.M.Edin., appointed Medical Officer to the Western District of Paddington parish, *vice* W. V. Lyle, M.D., deceased.

FOLKES, F. H., M.R.C.S.Eng., L.R.C.P., L.S.A., appointed District Medical Officer to the Salford Royal Hospital.

GREENWOOD, E. Climson, L.R.C.P., M.R.C.S., appointed Medical Officer to the Marylebone Almshouses.

GOODFELLOW, T. A., M.R.C.S.Eng., L.R.C.P.Lond., appointed Junior House-Surgeon to the Salford Royal Hospital.

GUNNING, J. St. C., L.R.C.P.Edin., L.R.C.S.I., appointed Medical Officer to the Workhouse, Enniskillen Union, *vice* E. Bagot, L.K.Q.C.P.I., F.R.C.S.I., resigned.

LUCAS, A., M.R.C.S.Eng., L.R.C.P.Lond., appointed Senior House-Surgeon to the Metropolitan Hospital, Kingsland Road, E., *vice* C. H. Thompson, M.D., M.R.C.S., resigned.

LUND, T., M.B., B.S.Durh., appointed House-Surgeon to the Royal Infirmary, Newcastle-on-Tyne.

LUNDIE, J., L.R.C.S.I., and L.K.Q.C.P.I., appointed Medical Officer to the Ballieborough Union (Termon Dispensary), *vice* R. G. Loverock, L.K.Q.C.P.I., L.R.C.S.I., resigned.

PATERSON, W. B., M.B., C.M.Edin., appointed Junior House-Surgeon to the Royal Southern Hospital, Liverpool, *vice* R. Jackson, M.B., C.M.Edin., resigned.

ROBINSON, F. G., M.B.Vict., appointed District Medical Officer to the Salford Royal Hospital.

SIMPSON, W. C., M.R.C.S., L.S.A., appointed House-Surgeon to the Brighton and Hove Lying-in Institution, *vice* G. Morgan, M.R.C.S., L.S.A., resigned.

TODD, Robert H., B.A.Oxon., M.B., B.Ch., M.D., Dipl. in State Med. Dublin Univ., F.R.C.S.I., appointed Anaesthetist to the Prince Alfred Hospital, Sydney, N.S.W.

WILLIAMS, Herbert, M.B.Lond., M.R.C.S.Eng., appointed Junior House-Surgeon to the Metropolitan Hospital, Kingsland Road, E., *vice* A. Lucas, M.R.C.S., L.R.C.P., resigned.

DIARY FOR NEXT WEEK.

TUESDAY.

ROYAL MEDICAL AND CHIRURGICAL SOCIETY, 8.30 P.M.—Mr. Rickman J. Godlee: Dermoid Cyst of the Right Side of the Chest Communicating with a Bronchus. Mr. William H. Bennett: A Case in which Acute Spasmodic Pain in the Left Lower Extremity was Completely Relieved by Subdural Division of the Posterior Roots of Certain Spinal Nerves, all Other Treatment having Proved Useless; Death from Sudden Collapse and Cerebral Hæmorrhage on the Twelfth Day after the Operation, at the Commencement of Apparent Convalescence.

WEDNESDAY.

BRITISH GYNÆCOLOGICAL SOCIETY, 8.30 P.M.—Mr. E. Sinclair Stevenson: Laparotomy for Tubal Disease; Re-operation Fourteen Days Afterwards for Symptoms of Peritonitis and Intestinal Obstruction. Specimens: Dr. Bantock, Dr. Heywood Smith, Dr. R. T. Smith.

THURSDAY.

HARVEIAN SOCIETY OF LONDON, 8.30 P.M.—Mr. F. Treves: The Treatment of Strumous Glands.

FRIDAY.

CHARING CROSS HOSPITAL, 3.30 P.M.—Mr. Stanley Boyd: On Minor Operations.

CLINICAL SOCIETY OF LONDON, 8.30 P.M.—Living specimens at 8 o'clock. Dr. Kingston Fowler: Advanced Osteo-arthritis of both Hands. Mr. Bilton Pollard: Hereditary Multiple Exostoses. Dr. Thomas Barlow: Hemiatrophy of Tongue associated with Cervical Spine Disease. Papers:—Mr. C. Symonds and Dr. Macdonald: Case of Total Extirpation of Larynx for Epithelioma; Recovery, with Useful Voice (the patient will be shown). Mr. Arbuthnot Lane: Six Cases of Complicated Disease of the Middle Ear. Mr. Bland Sutton: Case of Leontiasis Ossea. Mr. Bennett: Case of Closure of Jaws from Bilateral Ankylosis treated by Excision of Both Angles of the Inferior Maxilla after the Complete Failure of other Methods.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which should be forwarded in stamps with the announcement.

BIRTHS.

THORBURN.—On the 11th inst., at Rusholme Lodge, Rusholme, Manchester, the wife of William Thorburn, F.R.C.S., of a son.

SCATLIFF.—On April 13th, 1889, at St. Elmo, Underhill Road, Lordship Lane, the wife of P. Melancthon Scatlift, M.R.C.S., L.R.C.P.Lond., of a son—Clarence Elborough Barclay.

DEATH.

SMITH.—On the 9th inst., John Gordon Smith, M.D., F.R.C.S.Edin., of Dalgowan, New Galloway, N.B., and late of 118, Newington Causeway, London, S.E.

OPERATION DAYS AT THE LONDON HOSPITALS.

MONDAY.....	10 A.M.: Royal London Ophthalmic.—10.30 A.M.: Royal Free (Ophthalmic Department).—1.30 P.M.: Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Central London Ophthalmic; Hospital for Women; Royal Orthopaedic; St. Mark's; London.—2.30 P.M.: Chelsea Hospital for Women.
TUESDAY.....	10 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; Royal Westminster Ophthalmic; St. Bartholomew's (Ophthalmic Department); St. Mary's.—2 P.M.: Cancer Hospital, Brompton; Central London Ophthalmic; London; Westminster.—2.30 P.M.: St. Mark's; West London.—4 P.M.: St. Thomas's (Ophthalmic Department).
WEDNESDAY....	10 A.M.: National Orthopaedic; Royal London Ophthalmic.—11 A.M.: St. Mary's (Orthopaedic).—1 P.M.: Middlesex.—1.30 P.M.: Royal Westminster Ophthalmic; St. Bartholomew's; St. Thomas's.—2 P.M.: Central London Ophthalmic; Great Northern Central; London; Royal Free; University College; Westminster.—2.30 P.M.: St. Peter's; Samaritan Free Hospital for Women and Children.—3 to 4 P.M.: King's College.
THURSDAY.....	10 A.M.: Royal London Ophthalmic.—1 P.M.: St. George's.—1.30 P.M.: St. Bartholomew's (Ophthalmic Department); Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Central London Ophthalmic; Charing Cross; Hospital for Diseases of the Throat; Hospital for Women; London; University.—2.30 P.M.: Chelsea Hospital for Women; North-West London.
FRIDAY	9 A.M.: Metropolitan; St. Mary's (Ophthalmic Department).—10 A.M.: Royal London Ophthalmic.—10.30 A.M.: Royal Free (Ophthalmic Department).—1.15 P.M.: St. George's (Ophthalmic Department).—1.30 P.M.: Guy's; Royal Westminster Ophthalmic.—2 P.M.: Central London Ophthalmic; East London Hospital for Children; King's College; London; St. Thomas's (Ophthalmic Department).—2.30 P.M.: West London.
SATURDAY.....	9 A.M.: Royal Free (Department for Diseases of Women).—10 A.M.: Royal London Ophthalmic.—1 P.M.: King's College.—1.30 P.M.: Royal Westminster Ophthalmic; St. Bartholomew's; St. Thomas's.—2 P.M.: Cancer Hospital, Brompton; Central London Ophthalmic; Charing Cross; London; Middlesex; Royal Free; University.

HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

CHARING CROSS. —Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 1.30; Skin, M. 1.30; Dental, M. W. F., 9.
CHELSEA HOSPITAL FOR WOMEN. —M. Tu. W. and F., 1.30.
GREAT NORTHERN CENTRAL. —Medical and Surgical, M. Tu. Th. F., 2.30; Obstetric, W., 2.30; Eye, Tu. F., 10; Ear, M. F., 2.30; Diseases of the Skin, W., 2.30; Diseases of the Throat, Th., 2.30; Dental Cases, W., 2.
GUY'S. —Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F. 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. 1; Skin, Tu., 1; Dental, Tu. Th. F., 1.30.
KING'S COLLEGE. —Medical, daily, 2; Surgical, daily, 1.30; Obstetric, Tu. Th. S., 1.30; o.p., W. F., 1.30; Eye, M. Th., 1.30; Ophthalmic Department, W., 2; Ear, Th., 2; Skin, F., 1.30; Throat, F., 1.30; Dental, M. Th., 9.30.
LONDON. —Medical, daily, exc. S., 2; Surgical, daily, 1.30 and 2; Obstetric, M. Th., 1.30; o.p., W. S., 1.30; Eye, Tu. S., 9; Ear, S., 9.30; Skin, Th., 9; Dental, Tu., 9.
MIDDLESEX. —Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 9.30; o.p., W. 1.30; Eye, W. S., 9; Ear and Throat, Tu., 9; Skin, Tu., 4, Th. 9.30; Dental, M. W. F., 9.30.
NATIONAL ORTHOPAEDIC. —M. Tu. Th. F., 2.
NORTH-WEST LONDON. —Medical and Surgical, daily, 2; Obstetric, W., 2; Eye, W., 9; Skin, Tu., 2; Dental, F. 9.
ROYAL ORTHOPAEDIC. —Daily, 1.
ROYAL FREE. —Medical and Surgical, daily, 2; Diseases of Women, Tu. S., 9; Eye, M. F., 9; Dental, Th. 9.
ST. BARTHOLOMEW'S. —Medical and Surgical daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., W. S., 9; Eye, W. Th. S., 2.30; Ear, Tu. F., 2; Skin, F., 1.30; Larynx, F., 2.30; Orthopaedic, M., 2.30; Dental, Tu. F., 9.
ST. GEORGE'S. —Medical and Surgical, M. T. F. S., 12; Obstetric, Th. 2; o.p., Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopaedic, W., 2; Dental, Tu., S., 9.
ST. MARK'S HOSPITAL. —Fistula and Diseases of Rectum, males, W., 8.45; females, Th., 8.45.
ST. MARY'S. —Medical and Surgical, daily, 1.45, o.p., 1.30; Obstetric, Tu. F., 1.45; Eye, Tu. F. S., 9; Ear, M. Th., 3; Orthopaedic, W., 10; Throat, Tu. F., 1.30; Skin, M. Th., 9.30; Electro-therapeutics, Tu. F., 2; Dental, W. S., 9.30; Consultations, M., 2.30; Operations, Tu., 1.30; Ophthalmic Operations, F., 9.
ST. THOMAS'S. —Medical and Surgical, daily, except Sat., 2; Obstetric, Tu. F., 2; o.p., W., 1.30; Eye, M. Tu. W. Th. F. 1.30; o.p., daily, except Sat., 1.30; Ear, M., 1.30; Skin, F., 1.30; Throat, Tu. F., 1.30; Children, S., 1.30; Dental, Tu. F., 10.
UNIVERSITY COLLEGE. —Medical and Surgical, daily, 1.30; Obstetrics, M. Th., 1.30; Tu., W. F., 2; Eye, Tu. F., 2; Ear, M. F., 9; Skin, W., 1.45, S., 9.15; Throat, Th., 1.30; Dental, W., 9.30.
WESTMINSTER. —Medical and Surgical, daily, 1; Obstetric, Tu. F., 1; Eye, M. Th., 2.30; Ear, M., 9; Skin, W., 1; Dental, W. S., 9.15.

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS FOR THE CURRENT WEEK'S JOURNAL SHOULD REACH THE OFFICE NOT LATER THAN THE FIRST POST ON WEDNESDAY.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor, 429, Strand, W.C., London; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 429, Strand, W.C., London.

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 to his private house.

AUTHORS desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL are requested to communicate beforehand with the Manager, 429, Strand, W.C.

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 to the Notices to Correspondents of the following week.

MANUSCRIPTS FORWARDED TO THE OFFICE OF THIS JOURNAL CANNOT UNDER ANY CIRCUMSTANCES BE RETURNED.

PUBLIC HEALTH DEPARTMENT.—We shall be much obliged to Medical Officers of Health if they will, on forwarding their Annual and other Reports, favour us with *Duplicate Copies*.

QUERIES.

H.M. asks for experience in the use of solvent remedies for gall-stones.

THE LUNG-TISSUE IN SPUTUM.

H.G. asks for hints as to the best way of removing lung-tissue from sputum to the stage of the microscope.

"ESOTERIC ANATOMY."

MARAH writes: Is there a book entitled *Esoteric Anatomy*, and, if so, by whom is it published? Is it of value?

CLIMATE OF NEW ZEALAND.

YOUNG MEMBER has been pulled down by malarial fever, and now suffers from local tubercular disease. He is advised to go to New Zealand, and will be very grateful for any hint as to which island and what part would be likely to suit him best.

SCARLATINA WITHOUT FEVER.

ZYMOTIC PYREXIA writes: I should be glad to ask the following question. Is it possible for a patient, under any circumstances whatever, to have a copious rash, lasting for four or five days, with at no time any rise of temperature, and no other symptoms of scarlet fever, and yet that this rash should be a scarlet fever rash? I have had a very large experience of both quite mild cases and malignant cases of scarlet fever, and should say unhesitatingly that if any particular rash is that of scarlet fever, that coincidentally with the rash there is always more or less rise of temperature, even in the mildest cases.

HOME FOR PARALYTIC.

HEMIPLEGIA asks: Is there any home or hospital where a clergyman (Church of England) could be taken? He is quite helpless, having had an apoplectic seizure some time ago, and is paralysed completely. His means are *nil*, and his only relative is his mother, who is very old and very poor.

ANSWERS.

LEX.—1. It will not be necessary to pass another preliminary examination. 2. Attendance at the classes specified qualifies for entering any London medical school. 3. M.R.C.S. and L.R.C.P. are the best qualifications under the circumstances mentioned.

PORT WINE STAINS.

A MEMBER regrets to inform "Ignotus" that, judging from cases that he has seen, he believes that in the patient referred to the scar is likely to be permanent. He was recently consulted in the case of a girl, who had been treated by electrolysis by a skilful surgeon, with the result that the port wine stain was not destroyed, but was seamed over with scars and keloid. In such a case a judicious reapplication of electrolysis to the keloid tissue alone might diminish its prominence. The treatment of these cases is eminently unsatisfactory, and "Ignotus" would do well to transfer the responsibility to any surgeon of note whose reputation can easily bear it.

TREATMENT OF DIPHTHERIA.

DR. JOSEPH HINTON suggests that the local application to which M.D. refers is: R. Acid. carbolic, 3ij; liq. ferri. perchlor. 3j; acid sulphuros., 5vj; glycerine, 3; M. ft. pigment.

AN OLD ENGRAVING.

AMICUS writes: In answer to "S.P.D.'s" inquiry, I think the print he refers to is one after the large picture by Rembrandt, in the Royal Museum at the Hague. The subject is "Professor Tulp giving an Anatomy Lesson" (No. 115 in catalogue of 1874), and in the picture the anatomist is demonstrating the flexor tendons of the forearm of a subject lying at full length on a table, the class consisting of some seven medical contemporaries. The picture is generally regarded as one of Rembrandt's masterpieces.

ROYAL MEDICAL BENEVOLENT COLLEGE, EPSOM.

DR. WILLIAM OGLE (Derby).—We regret we cannot publish in our columns an appeal for votes, as otherwise almost every applicant would have equal claim to space, and there would be no end to it. Moreover, we have always strongly advocated the principle that these claims should not be the subject of con-

vassing, but should be left, as the governors have already decided in meeting, to the Selection Committee, who are in the best position to weigh the respective claims.

NURSING IN AUSTRALIA.

J.F.J. writes: Two well-trained nurses (one of them a sister) in one of the large hospitals in this town, wish to become nurses or sisters in a hospital in Australia. Is there some agent in London through whom they could get such a situation?

. We have referred this question to the Assistant Agent-General of South Australia, who states that, so far as South Australia is concerned, all appointments in hospitals and asylums are made in the colony, and not here in London. There is very little doubt, however, that the two nurses referred to, if thoroughly competent and possessing good characters, would very soon find employment in South Australia.

DIPLOMA IN SANITARY SCIENCE.

G.C. writes: Some time ago I read that it was necessary for a man who wanted to hold a dispensary or other medical (Government) appointment, to have, in addition to the three qualifications (Medicine, Surgery, and Obstetrics) a diploma in Sanitary Science. Does that apply to Ireland, and, if so, when does it come in force, and where easiest obtained?

. There is no requirement of the kind referred to in the Local Government Service of Ireland.

NOTES, LETTERS, ETC.

HUMBOLDT ON VACCINATION.

A MEMBER writes: Now that the vaccination question is under discussion in the House of Commons, the unprejudiced opinion of a philosopher and keen observer, not belonging to the medical profession, may help to refute the illogical arguments of anti-vaccinators. Baron von Humboldt writes: "Among the causes of the depopulation of the *Raudales*—the district of the rapids on the Orinoco—"I have not reckoned the small-pox, that malady which in some parts of America makes such cruel ravages that the natives, seized with dismay, burn their huts, kill their children, and renounce every kind of society. This scourge is almost unknown on the banks of the Orinoco, and, should it penetrate thither, it is to be hoped that its effects may be immediately counteracted by vaccination, the blessings of which are daily felt along the coasts of *Terra Firma*" (Continental South America).

HOSPITAL ABUSE.

A VICTIM (Birmingham) writes: Your correspondent "*Panem Nostrum Quotidianum*," is quite right in saying that you deserve the thanks of medical men in endeavouring "to stem the flood of charity physic." The whole system of hospital relief requires thorough revision. In Birmingham—and I dare say many other large towns—hundreds who can well afford to pay a private practitioner obtain attendance at the hospital weekly. What is the result? The noble profession is reduced to the level of a huckster. Here many a private practitioner sees patients at the surgery at 6d., 9d., and 1s. a head, and will give visits and medicine for 3s. 6d. per week. A private insurance agent has mapped Birmingham out into districts, has organised what he calls a "Medical Aid Society." Thousands have joined his society and pay to him 1d. per week for medicine and professional attendance; he then, with the air of a potentate, appoints medical men for the different districts, and at the end of each quarter gives his cheque, so that a vast number of the artisans of Birmingham really form a gigantic club, and obtain the services and the medicine of a medical man for next to nothing.

The Birmingham Hospital and the Birmingham official dispensaries are to blame for this state of things. It certainly is high time that a medical man should be in a position to earn something more than bread and cheese in this large and prosperous town.

EMPHYEMA & EMPYEMA.

E. MANSEL SYMPSON, M.A., M.B. Cantab. (Lincoln) writes: Every now and then the second curious spelling of this word crops out, like a geological fault. A year or two back a notice board at one of our largest hospitals bore the same curious characters, and in the March number of a medical monthly I notice the same running right through one article, and so it is no mere misprint. Whether the derivation of pus from blood has had anything to do with perverting men's minds, we wot not. Certain it is that all authority derives this word from *ἐμπύημα*, a gathering, from *ἐμπίεω*, to have abscesses in the lungs. Liddell and Scott, or the *New Sydenham Society's Lexicon*, should suffice to prove it. Like the popular pronunciation of *ênéma*—*ênéma* (though no one stumbles at *ênéma*), *empyema* seems deeply rooted. These two instances, among many others, show the real want of just such a dictionary as Mr. Power and Dr. Sedgwick are completing.

COMMUNICATIONS, LETTERS, etc., have been received from:

M.D.; Mr. J. Gay, London; Mr. E. J. Adams, Sheffield; The President and Members of the Pharmaceutical Society of Great Britain, London; Dr. G. H. Mackenzie, Edinburgh; Mr. J. Bellamy, London; Messrs. J. Richardson and Co., Leicester; Mr. C. J. Evans, Northampton; Dr. Russell, Glasgow; Dr. Lockie, Carlisle; Mr. W. W. Kelly, London; Mr. J. B. Gabe, Swansea; Miss Boyce, Liverpool; Dr. E. Walford, Cardiff; Messrs. Hawkes, Somerville, and Co., London; Professor Gairdner, Glasgow; Messrs. Charles Green and Co., London; Mr. R. T. E. Davies, New Tredegar; Sir Edward Sieveking, London; Dr. W. C. Wile, Danbury, Conn.; Messrs. Burroughs, Wellcome, and Co.; The Registrar of the University of London; Dr. Mickle, London; Mr. G. P. Field, London; M. B. Shirley, M.B., Batley; Dr. J. Althaus, London; Mr. E. C. Greenwood, London; Mr. N. C. Haring, Manchester; Mr. A. Price, St. David's; Mr. Wm. Thorburn, Rusholme; Dr. J. F. Payne, London; Mr. M. C. Brown, Andover; Messrs. Jones, Brothers, and Co., Wolverhampton; Dr. de Thilo, Lausanne; Messrs. N. P. Sandiford and

Son, Manchester; Mr. J. White, Burnley; The Secretary of the Royal Statistical Society, London; Dr. R. B. Moore, Rockcorry; Dr. Cargill, Jamaica; Dr. T. Eytton-Jones, Wrexham; Mr. A. W. Nankivell, Chatham; Our Australian Correspondent, Melbourne; Dr. W. F. Haslam, Birmingham; Dr. Biddle, Kingston-on-Thames; Mr. Lawson Tait, Birmingham; Justitia; Mr. G. E. Jeaffreson, Framlingham; Mr. Harrison Cripps, London; Dr. F. H. Walmsley, Manchester; Sperans; Dr. Theodore Williams, London; Dr. C. R. Illingworth, Accrington; Dr. G. L. Mullins, London; Mr. W. B. Clarke, London; Mr. H. E. Friend, London; The Rev. J. Clifford, Harbury; Dr. R. D. Nicolls, Navan; Mr. C. G. Campbell, Saddleworth; J. L. Spiers, M.B., Newcastle-on-Tyne; Mr. Plowman, London; Dr. James Oliver, London; Mr. W. Berry, Wigan; Mr. G. E. Williamson, Newcastle-on-Tyne; Mr. N. Stevenson, London; Dr. R. H. Todd, Sydney, New South Wales; Mr. G. Imlay, Pitforthie; Dr. Platt, London; Mr. P. G. Lee, Cork; Mr. Lennox Browne, London; Dr. H. D. Buss, St. Raphael; Dr. J. Williams, London; Mr. C. R. Huxley, London; Messrs. Street and Co., London; Dr. C. R. Drysdale, London; Professor Charteris, Glasgow; Mr. J. H. Mawson, Hollinwood; Mr. A. McLean, Portland; Mr. R. R. Slemman, London; Mr. J. Powell, Newcastle Emllyn; Dr. W. A. McLachlan, Dumbarton; Mr. C. Greville, Kegworth; Dr. H. G. Lee, Thame; Dr. J. Roche, Kingstown; Mr. J. Startin, London; Mr. C. Matthews, Exeter; W. Maule, M.B., Southport; Mr. N. F. Davey, Abergavenny; Dr. J. Jenkyns, Belize, British Honduras; Dr. Tatham, Salford; Observer; Blackburn; A Member of the South-Eastern Branch; Mr. H. A. Fotherby, London; L.R.C.P.; Mr. Wickham Barnes, London; Dr. A. Sheen, Cardiff; Mr. A. F. Hawkins, Birmingham; Mr. B. W. Thomas, Welwyn; Dr. Thin, London; Medical Student; Mr. E. J. H. Midwinter, London; Mr. G. Mowat, St. Albans; Mr. E. Cresswell Baber, Brighton; Sir Lyon Playfair, London; Dr. E. Gumpert, Manchester; Mr. D'Arcy B. Carter, Shipley; Mr. G. C. Peachey, Portslade; Mr. W. Harrop, Rotherham; Dr. W. Carter, Liverpool; Mr. R. T. Smith, London; Dr. H. S. Lunn, London; Dr. F. C. Turner, London; Mr. R. A. Smith, Sheffield; Dr. Arldige, Stoke-on-Trent; Mr. G. W. Collins, London; Dr. R. Stockman, Leith; Mr. Arthur Roberts, Reading; Dr. T. Johnstone, Ilkley; Dr. W. J. R. Knight, Cookstown; The Secretary of the Church of England Burial Reform, etc., Association, York; Dr. J. Milward, Cardiff; Mr. C. B. Ball, Dublin; Surgeon, A.M.S.; Dr. F. W. Barry, Settle; Dr. W. Hind, Stoke-on-Trent; Mr. F. Penberthy, London; Mr. F. Hobbes, Sutton Coldfield, etc.

BOOKS, ETC., RECEIVED.

Lectures on Pathological Anatomy. By Samuel Wilks, M.D., F.R.S., and the late Walter Moxon, M.D., F.R.C.P. Third Edition. By Samuel Wilks, M.D., LL.D., F.R.S. London: Longmans, Green, and Co. 1889.

The Treatment of Lateral Curvature of the Spine, with Appendix on the Treatment of Flat-Foot. By Bernard Roth, F.R.C.S. London: H. K. Lewis 1889.

Subjects of Social Welfare. By The Right Hon. Sir Lyon Playfair, K.C.B., M.P., LL.D., Ph.D., F.R.S. London: Cassell and Co., Limited.

The Bacteria in Asiatic Cholera. By E. Klein, M.D., F.R.S. London: Macmillan and Co. 1889.

The Primitive Family in its Origin and Development. By C. N. Starcke. London: Kegan Paul, Trench, and Co. 1889.

The Modern Rack. By Frances Power Cobbe. London: Swan Sonnenschein and Co. 1889.

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