

scientific toys. Mr. M. C. Greenhill exhibited an ingenious portable telephone. There were many other exhibits, including microscopes, ophthalmological and other instruments by various well-known firms. Irish artists were well represented by Mr. Bruce Joy's sculpture, and portraits from the easel of Mr. Thaddeus. The walls were also adorned by specimens of the work of Miss Inglis and Mr. MacCullum, old engravings of Hippocrates and Galen (by P. P. Rubens), and an interesting picture of the Old Irish House of Commons.

We may heartily congratulate the Irish graduates on the success of this the last of the series of meetings by which they have been celebrating the conclusion of the first decade of their existence as an association.

ASSOCIATION INTELLIGENCE.

PROCEEDINGS OF COUNCIL.

At a meeting of the Council held at the offices of the Association, 429, Strand, W.C., on Wednesday, January 16th, 1889,

Present.

Dr. T. BRIDGWATER, President of the Council, in the chair.

Dr. HOLMAN, Reigate, Treasurer.

Mr. C. G. WHEELHOUSE, Leeds, President-Elect.

Dr. A. BAMPTON, Ilkley.

Dr. J. S. BRISTOWE, F.R.S., London.

Mr. H. T. BUTLIN, London.

Dr. ALFRED CARPENTER, Croydon.

Surg.-Gen. W. R. CORNISH, London.

Dr. J. WARD-COUSINS, Portsmouth.

Dr. G. W. CROWE, Worcester.

Dr. J. L. H. DOWN, London.

Dr. D. DRUMMOND, Newcastle-on-Tyne.

Mr. GEORGE EASTES, London.

Dr. W. A. ELLISTON, Ipswich.

Dr. J. H. GALTON, London.

Dr. C. E. GLASCOTT, Manchester.

Dr. BRUCE GOFF, Bothwell.

Dr. OGILVIE GRANT, Inverness.

Dr. W. C. GRIGG, London.

Mr. J. HARDIE, Manchester.

Mr. J. H. HEMMING, Kimbolton.

Mr. G. F. HODGSON, Brighton.

Mr. W. D. HUSBAND, Clifton, Bristol.

Mr. T. V. JACKSON, Wolverhampton.

Mr. T. R. JESSOP, Leeds.

Mr. EVAN JONES, Aberdare.

Mr. H. R. KER, Halesowen.

Dr. W. G. V. LUSH, Weymouth.

Dr. J. MCINTYRE, Odiham.

Mr. C. MACNAMARA, London.

Dr. W. WITHERS MOORE, Brighton.

Dr. F. NEEDHAM, Gloucester.

Dr. C. PARSONS, Dover.

Dr. R. SAUNDY, Birmingham.

Mr. S. W. SIBLEY, London.

Dr. E. M. SKERRITT, Clifton.

Mr. T. SYMPSON, Lincoln.

Dr. T. W. TREND, Southampton.

Dr. W. F. WADE, Birmingham.

Mr. F. WALLACE, London.

Dr. E. WATERS, Chester.

Dr. W. WEBB, Warksworth.

Dr. G. E. WILLIAMSON, Newcastle-on-Tyne.

Mr. A. WINKFIELD, Oxford.

The minutes of the last meeting, October 18th, and special meeting of November 28th, 1888, were signed as correct.

Read letters of apology for non-attendance from Dr. Barron, Dr. Russell (Edinburgh), Dr. Duffey, Dr. Barnes (Carlisle), Mr. Cross, Dr. Sheen, Dr. Strange, Dr. Kelly.

Letter from Sir Joseph Lister, Bart., together with resolutions of a meeting of members of the Association and others held on the 12th December last, and published in the JOURNAL of December 29th, page 1472, was considered, and the President of the Council was instructed to send a letter to Sir Joseph Lister, a letter with copy of the resolution passed on November 28th to Professor von Bergmann; and these letters, with the memorandum received from the Editor, were ordered to be published.

Letter to Sir Joseph Lister.

January 16th, 1889.

DEAR SIR JOSEPH LISTER,—The resolutions of signatories to the memorial forwarded in your letter to me of December 13th last have been laid before the Council of the British Medical Association to-day.

I am desired by the Council to remind you that they, as the directly elected representatives of the Branches, are the responsible authorities of the Association, and to state that while fully recognising, as they immediately did, the importance to be attached to the memorial presented to them last October, they cannot but regret the precipitate action adopted by the signatories (for the most part members of the Association), in publishing it in another journal before seeking to avail themselves of the opportunity which was open to them of discussing the matter with the Council of the Association.

This action not only tended to prevent the opportunity of receiving explanations of the alleged inaction of the Council, but had the graver, though, doubtless, unpremeditated, effect of prejudicing the Council of the Association in the eyes of the profession at large by creating the impression that that body was unwilling to act in accord with the signatories in regard to an alleged breach of professional confidence.

The Council at their meeting in October last were fully sensible of the grave error the Editor had committed in publishing the document objected to; but, for reasons which need not be now referred to, they were obliged to postpone the further consideration of the matter to their next meeting in January.

In consequence, however, of the presentation of the memorial, the President of the Council felt it his duty to summon a special meeting of the Council on November 28th, 1888, and the gravity of the position in which the Editor had placed the Association was pointed out to him; this position he fully realised, and expressed his regret that the "script" had been published in the JOURNAL.

The resolution at that time passed by the Council very clearly expressed their own regret that under any circumstances that document was published.

This resolution of the Council was communicated to all the signatories, some of whom have since passed the two resolutions which you have forwarded to me, and a conference, although suggested to them, was declined.

The Council have again to-day most carefully considered the entire matter, and having, as I have already stated, received and published an expression of regret from the Editor, and having themselves expressed their strong disapproval at the publication of anything in the least degree tending to a violation of professional confidence, they feel that they have done everything which was necessary to vindicate the honour of the Association and of the profession.

For the Council to adopt the course suggested by the second resolution would be tacitly to admit that they were themselves responsible for the publication of a document which they have so strongly deprecated.

They have, however, forwarded to Professor Von Bergmann a copy of the resolution passed by the Council last November.

The Council believe that the course which they have adopted throughout has been in the best interests of the Association

and of the profession, and that it will receive the approval and support of all the members of the Association.

Believe me, yours very sincerely,

THOMAS BRIDGWATER,
President of the Council.

Sir Joseph Lister, Bart., F.R.S.

Letter to Professor von Bergmann.

British Medical Association, 429, Strand,
January 16th, 1889.

SIR,—I have the honour to transmit to you a copy of resolution passed at a special meeting of the Council of the British Medical Association on Wednesday, the 28th of November last.

I am your obedient servant,

Professor Von Bergmann. THOMAS BRIDGWATER,
President of the Council.

Resolved; "That this Council strongly deprecates the publication of any details in violation of professional confidence. The Editor of the JOURNAL has given to the Council his assurance that he had reasons which he considered adequate for believing that the publication of the 'script' referred to in the protest laid before the Council was not a breach of confidence, but has expressed his regret at its publication in the JOURNAL. The Council would express their own regret that, under any circumstances, that document was published."

The further proceedings of the Council will appear in a future number of the JOURNAL.

Memorandum of the Editor to the Journal and Finance Committee.

The practice of the JOURNAL has been in all cases only to publish such information concerning the illnesses of Royal and distinguished public persons as is furnished for publication by or under the direct authority of the physicians or surgeons attending them. The autographic evidence of this exists in the records of the office.

It has been considered that the eminence and sense of responsibility of the medical men in attendance in such cases afford the necessary guarantees that the materials so furnished for publication will not involve any breach of confidence.

In the case of the "script" in question, this rule was varied under quite exceptional circumstances of political and journalistic pressure, and the Committee has expressed its disapproval and the Editor his regret that under any circumstances that document was allowed to appear in the JOURNAL. Strict adherence to the above rule, and the expression of regret which has already been made that under any circumstances, however exceptional, it was varied or departed from, would seem to afford an adequate guarantee for the future.

The Editor feels strongly the anomaly that the memorialists, while declaring him to be their representative, when the occasion arose which they considered to have called for censure, have not shown the consideration customarily observed towards a person holding a representative office, by personal conference, or other communication with him or with

the Journal Committee, whether prior to the act of censure, or in the course of the proceedings which they subsequently adopted in relation thereto.

NOTICE OF QUARTERLY MEETINGS FOR 1889.
ELECTION OF MEMBERS.

MEETINGS of the Council will be held on April 17th, 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, March 28th, June 20th, and September 26th, 1889.

Any qualified medical practitioner, not disqualified by any 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.

REPORTS upon the two remaining inquiries, namely, that into DIPHTHERIA, and that into the GEOGRAPHICAL DISTRIBUTION OF CERTAIN DISEASES, are in preparation, and will be published as soon as ready.

The following inquiry only of the first series remains open, namely, that on the ETIOLOGY OF PHthisis.

A fresh inquiry into the ORIGIN AND MODE OF PROPAGATION OF EPIDEMICS OF DIPHTHERIA has been issued.

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

BRANCH MEETINGS TO BE HELD.

NORTH OF IRELAND BRANCH.—A general meeting of this Branch will be held in the Royal Hospital, Belfast, on Friday, January 25th, at 4 o'clock. Business: Dr. St. George (Lisburn) will show a case of Suprapubic Lithotomy in an Adult and the calculus removed. Dr. O'Neill will show a case of Hip-joint Disease and a case of Knee-joint Disease (Suppurative Arthritis), and will read short notes of the cases. Dr. R. C. Thompson (Omagh) will describe a new method of Excising the Wrist-joint; a successful case of Arthrectomy of the Knee-joint; and a successful case of Ovariectomy. Dr. W. A. McKeown will read papers on the following subjects: (1) Extraction of Steel from the Vitreous by the Electro-Magnet; (2) On Extraction of Senile Cataract without Iridectomy, with notes of the result of forty cases; some patients will be shown. Dr. Byers will give an account of a successful case of Removal of both Uterine Appendages, and will read a short paper on the Treatment of Fibro-myomata of the Uterus. Professor Cumming will show a case of Athetosis. Dr. Walton Browne will give a few particulars of a successful case of Amputation at the Hip-joint, and will show the recent parts; he will also exhibit a Cystic Testicle.—JOHN W. BYERS, M.D., Lower Crescent, Belfast, Honorary Secretary.

OXFORD AND DISTRICT BRANCH.—The next meeting of the Branch will be held on Friday, January 25th, at the Radcliffe Infirmary, at 3 o'clock. Gentlemen intending to read papers or show cases are requested to communicate with the Secretary, W. Lewis Morgan, 42, Broad Street, Oxford, on or before January 11th.—S. D. DARBISHIRE and W. LEWIS MORGAN, Honorary Secretaries.

WORCESTERSHIRE AND HEREFORDSHIRE BRANCH.—A meeting of the Branch will be held at the Imperial Hotel, Malvern, on Tuesday, January 22nd, at 4.45 P.M. Dinner at 6 P.M. Tickets, including wine, 7s. 6d. each. Business: To fix date, etc., for combined meeting with the Gloucestershire Branch. Mr. Vevers will open a discussion on "Idiopathic Peritonitis." Some surgical notes by Mr. Bates.—GEORGE W. CROWE, Honorary Secretary.

THE SANITARY INSTITUTE.—At a recent meeting of the Council of the Sanitary Institute it was decided to hold two courses of twelve lectures for sanitary officers, the first course to commence in March and the second in October. Sixty-four members and associates were added to the register, and twenty applications read for election.

SUCCESSFUL VACCINATION.—Mr. W. Whitworth, public vaccinator of the St. Agnes District of the Truro Union, has been awarded the Government grant for efficient vaccination.

SUTTON COLDFIELD (Population, 8,800).—*Diphtheria Outbreak: the Fatality of Whooping-Cough.*—The serious outbreak of diphtheria which occurred towards the close of 1887 is described at some length in the annual report of Dr. A. Bostock Hill. The origin of the disease was not certain. Popular feeling ascribed it to emanations from sewer ventilation; but Dr. Hill disproves this assumption, and considers that it was more likely to have arisen from the opening of a stopped drain at Boldmere schools, which the children first attacked attended, and that the disease once introduced was spread by intercommunication. Another suggestion is that it was owing to emanations from undrained and contaminated soil. The noteworthy points in connection with the outbreak are that all the cases were in children; the first cases in each district were nearly always fatal, while the later ones suffered less severely; and, concurrently with the diphtheria, there was, in Maney, an outbreak of scarlatina, whilst throughout the borough there was a large number of cases of sore-throat. The water supply was above suspicion, and no connection with throat disease in domestic animals or birds could be discovered. Measles was prevalent during July and August, but it was generally of a mild type, and only three deaths occurred. The zymotic rate was further increased by five deaths from diarrhoea, but these were due rather to the exceptionally hot weather than to insanitary conditions. Dr. Hill draws attention to whooping-cough as one of the most fatal infectious diseases, showing how desirable it is that disinfection should be carried out, in order that its spread may be checked as far as possible. Although the death-rate for 1887 was higher than in the two previous years (14.8, against 12.8 and 12.3 per 1,000), it was lower than the rates of many similar districts throughout the country.

WEST SUSSEX COMBINATION (Population, 105,520).—*Dampness of Soil in relation to Diphtheria, Phthisis, etc.*—A great deal of information is afforded by Dr. Charles Kelly in his annual reports; the sanitary history of each subdistrict is given in detail, special attention being devoted to an account of the incidence of zymotic disease. Taking the district as a whole, there was less than the usual mortality from epidemic disease during the year 1887, the death-rate from this class of malady (0.9 per 1,000) being lower than any recorded since 1879. A comparison of the last ten years as to the prevalence of each class of disease shows that whooping-cough, diarrhoea, and diphtheria head the list, followed by measles, enteric fever, and scarlet fever. This order is very different from that which prevails in the whole of England and Wales, where scarlet fever and measles occupy a much higher and diphtheria a much lower position. The influence of soil upon the mortality has for some years occupied Dr. Kelly's attention, and he gives figures showing that, in his district, the mortality from diphtheria and lung diseases varies considerably, being much higher on retentive than on porous soils. The mortality from phthisis and all causes is very nearly the same on all classes of soil. The general death-rate for the year was 14.2 per 1,000.

WOLVERHAMPTON (Population, 80,847).—*Diarrhoea Severely Prevalent.*—Reporting on the mortality in this borough during 1887, Dr. Malet compares it favourably with that of the large towns of England, the advantage lying chiefly in the measles and scarlet fever returns. In diarrhoea, on the contrary, Wolverhampton had in proportion one-fifth more deaths, the fatality in the third quarter of the year being exceptionally heavy, though, on the whole, not attaining the excessive height of the previous year. The epidemic of measles recorded in the report for 1886 had spent its strength by the end of the first quarter of 1887, and the year was comparatively free from scarlet fever, though at one time an epidemic was threatened. This was no doubt averted by the prompt isolation resorted to, though as usual the task of grappling with the disease was rendered much more difficult by the negligence and indifference displayed on the part of parents and patients. One pleasing fact recorded by Dr. Malet is that those parents of children who have had practical experience of the Infectious Disease Hospital were warm in their thanks for the benefits derived. It will be well for the community at large when the prejudice which so frequently exists at present against hospital isolation is dissipated. The deaths from phthisis and chest affections were also very high, the direct cause of this being undoubtedly the weather, which at the time of the greatest mortality was intensely cold. There seems to be much room for further

sanitary improvement in Wolverhampton. If this improvement is not effected, the fault will not rest with the health officer, for he has fully indicated the directions in which the defects lie.

UNIVERSITY INTELLIGENCE.

CAMBRIDGE.

At the Congregation on Thursday, January 17th, the following gentlemen were admitted to the degree of Bachelor of Medicine: Herbert William Maclure, Pembroke College and St. Bartholomew's Hospital; Bertram Vesey Sortain, Caius College and St. George's Hospital; Alfred Thomas Guy Watts, Corpus College and St. George's Hospital; Herbert Prior Veale, Christ's College and St. George's Hospital; John Clough Hardman Dickinson, Downing College and London Hospital; Walter Sydney Lazarus Barlow, Downing College and St. George's Hospital; Reginald John Roberts, non-collegiate and Guy's Hospital. Messrs. Maclure, Sortain, Veale, Lazarus Barlow, and Roberts were also admitted to the degree of Bachelor of Surgery.

NAPLES.

AN influential effort is, we hear, being made to place the University of Naples, founded in the first half of the thirteenth century, by the Emperor Frederick II, on a footing of equality with its northern sisters. This University was reconstituted in 1780, and is composed of five faculties—physiology, law, mathematics, natural science, and medicine; the number of students in attendance is about 4,000. The buildings erected in 1557 afford by no means adequate accommodation for the present need of the University. It is proposed to sell the old buildings, estimated to be worth 11,000,000 lire, and to obtain 5,000,000 lire by contributions from the southern provinces and the central Government; with the sum thus raised it is intended to erect and equip new buildings in a new part of the city, which are expected to be completed in about ten years.

OBITUARY.

SIR WILLIAM O'SHAUGHNESSY BROOKE, M.D., F.R.S.

THE death is announced of Sir William O'Shaughnessy Brooke at Southsea after a short illness. Sir William, who was born in 1809, and was consequently in his eightieth year, graduated M.D., at Edinburgh University, and subsequently entered the Bengal Medical Service as assistant surgeon in 1833, he was appointed surgeon in 1848, and surgeon-major 1861. He was appointed Superintendent-General of Telegraphs in India in 1852, but resigned in 1862, and retired from the Indian Medical Service. He was the author of numerous works on scientific and engineering subjects, particularly one on the electric telegraph published in Calcutta in 1839. He was knighted for his services in establishing the electric telegraph throughout India, and was a Fellow of the Royal Society. The deceased married in 1835, as his second wife, the daughter of Mr. Francis O'Shaughnessy, of Curragh, County Clare, and his third wife was Julia Greenly, daughter of Captain Sabine.

HEINRICH ALEXANDER PAGENSTECHER,

One time Professor of Zoology at Heidelberg.

THE death is announced of Professor Dr. Heinrich Alexander Pagenstecher, which occurred at Hamburg on January 5th, of heart disease. He was born at Elberfeld on March 18th, 1825. Having studied medicine, he first practised as a physician, and became in 1856 Privat-Dozent in the University of Heidelberg, and in 1865 he was appointed Professor of Zoology in that University. His great work on *Allgemeine Zoologie*, in four volumes, the first of which appeared in 1875, was completed in 1881. In the following year Professor Pagenstecher, who had then already retired from public life and was devoting his leisure to his favourite studies, was induced by the Hamburg Senate to accept the post of Director of the Museum of Natural History of that city. That office he filled with great zeal until his death, although for the last two years he had been in very bad health.

MEDICAL NEWS.

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 January 10th, namely:—

W. C. Hinde and J. H. Hadaway, students of Middlesex Hospital; H. F. Nunes, B. F. Parish, and L. G. W. Tyndall, of St. Mary's Hospital; E. C. de Kretser, of Ceylon Medical College; F. Pershouse, of St. Thomas's Hospital; J. C. Burton, of University College; M. F. Agar, D. L. Thomas, and W. T. Davies, of London Hospital; C. W. A. MacLeod, of Westminster Hospital; B. B. Gilpin, W. R. Meyer, and J. W. Davies, of King's College; W. S. Mercer and R. D. Muir, of Charing Cross Hospital; A. E. Norris and W. K. Steele, of Guy's Hospital; G. C. Davies, A. W. Lemarchand, F. I. A. Dalton, and A. R. Badger, of St. Bartholomew's Hospital; G. P. Mead, of Cambridge and St. Bartholomew's Hospital.

Passed in Physiology only.

D. C. Meyers, of Trinity College, Toronto; R. Gillbard and G. M. Pratt, of Guy's Hospital; T. G. P. Crouch, A. Morrison, and A. D. P. Dudley, of University College; F. W. Gattey and J. L. Blakeston, of King's College; J. Wood, F. H. Spillsbury, A. S. Gedge, P. C. Phillips, S. E. Baxter, and H. G. Williams, of St. Thomas's Hospital; S. W. Read, of London and Mr. Cooke's School of Anatomy and Physiology; C. Welch, F. Dove, and M. C. Langford, of London Hospital; F. Lewis, A. G. R. Cameron, C. E. M. Hey, and A. E. F. F. Huntsman, of St. Mary's Hospital; W. B. Welch, H. Kerswill, J. B. Lemon, E. R. Bastard, and W. D. Slyman, of St. Bartholomew's Hospital; J. E. M. Jenkins and L. Fletcher, of Charing Cross Hospital.

Passed in Anatomy and Physiology on January 11th.

G. W. Barber, of Middlesex Hospital; I. George, of King's College; H. K. Rayson and P. Lord, of Guy's Hospital; A. T. White, of Guy's and Mr. Cooke's School of Anatomy and Physiology; J. Bushfield, of Charing Cross Hospital; E. O. B. Voisin, of University College; H. Wreford, of St. Bartholomew's and Mr. Cooke's School of Anatomy and Physiology; M. H. Browne, of St. Bartholomew's Hospital; E. J. Steegmann, of St. Mary's Hospital.

Passed in Anatomy only.

A. W. Seal, of University College; E. T. P. Eames, of London Hospital; T. J. Mills, of Guy's and Mr. Cooke's School of Anatomy and Physiology; H. W. Ramsay, of St. Mary's Hospital; S. H. K. V. R. de Groot, of King's College.

Passed in Physiology only.

A. C. Leigh and G. H. Procter, of University College; C. F. Jack, of Charing Cross; R. Freer, of St. Mary's Hospital; E. G. Renny, of St. Thomas's Hospital; E. M. Williams, W. W. Nuttall, M. P. A. Lesur, and G. E. Bensley, of St. Bartholomew's Hospital; H. D. Bishop, of London Hospital; and W. Ashby, of Guy's Hospital.

The following gentlemen having passed the necessary examinations of the Examining Board, have been admitted diplomates in Public Health.

G. R. Brebner, M.D. Edin., Bensham Lodge, West Croydon; R. J. Carter, M.R.C.S. Eng., 194, The Grove, Camberwell; S. H. Dantri, M.D. Aberd., 20, Bloomsbury Square; A. Kirwan, L.R.C.S.I., L.K.Q.C.P.I., 69, Radipore Road, Fulham; H. A. Lawton, L.R.C.P. Lond., M.R.C.S. Eng., Poole, Dorset; R. Ross, M.R.C.S. Eng., Lothian House, Hyde, Isle of Wight; G. Schofield, L.R.C.P. Lond., M.R.C.S. Eng., Durham House, Bournemouth; M. C. Sykes, L.R.C.P. Lond., M.R.C.S. Eng., Barnsley, Yorks; O. Wunderlich, L.R.C.P. Lond., M.R.C.S. Eng., 29, Fitzroy Square; E. H. Young, M.B. Durh., L.R.C.P. Lond., M.R.C.S. Eng., Okehampton, Devon.

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, January 7th, 8th, 9th, and 10th, 1889, the following candidates, being registered medical practitioners, were successful.

For the Licence to Practise Medicine.—A. J. Barlow, L.R.C.S.I., Dublin; G. A. Gunton, L.S.A. Lond., London.

For the Licence to Practise Midwifery.—G. A. Gunton, L.S.A. Lond., London; J. Hunter, M.D., R.U.I., Doagh, Co. Antrim; W. A. P. Martin, M.D., R.U.I., Market Hill, Co. Armagh.

The undermentioned candidate having passed a special Final Qualifying Examination, in Medicine, Surgery, and Midwifery, under the Conjoint Scheme with the Royal College of Surgeons in Ireland, was duly admitted a Licentiate of the King and Queen's College of Physicians, in both Medicine and Midwifery.

J. Kelleher, Macroom, Co. Cork.

ROYAL COLLEGE OF SURGEONS IN IRELAND.—Mr. G. M. P. Murray and Mr. C. J. O'Connor, having been examined on two separate days, have been admitted Fellows of the College.

MEDICAL VACANCIES.

The following Vacancies are announced:

BIRMINGHAM WORKHOUSE INFIRMARY.—Clinical Assistant. Board, lodging, and honorarium of £15 15s. for six months. Applications to Mr. W. Bowen, Clerk to the Guardians.

BURY UNION, County of Lancaster, Heap Medical District—Medical Officer. Salary, £70 per annum, and fees. Applications by January 28th to J. Isherwood, Esq., Union Offices, Parson's Lane, Bury.

CHELSEA HOSPITAL FOR WOMEN, Fulham Road.—Resident Medical Officer. Salary, £80, with board and residence. Applications by January 22nd to the Acting Secretary.

CONSUMPTION HOSPITAL, Brompton.—House-Physicians. Applications by January 19th to the Secretary.

COUNTY ASYLUM, Rainhill, near Liverpool.—Junior Assistant Medical Officer. Salary, £105 per annum, with board and residence. Applications by January 24th to the Medical Superintendent.

DENTAL HOSPITAL OF LONDON, Leicester Square.—Dental Surgeon. Applications by February 11th to J. F. Pink, Esq., Secretary.

DEVON AND EXETER HOSPITAL.—Assistant House-Surgeon. Salary, £40 per annum, with board and lodging. Applications by January 22nd to the Secretary.

EAST LONDON HOSPITAL FOR CHILDREN, Shadwell.—Resident Clinical Assistant. Board and residence. Applications by January 24th to the Secretary.

EVELINA HOSPITAL FOR SICK CHILDREN, Southwark Bridge Road, S.E.—House-Surgeon. Salary, £70 per annum, with board, lodging, and washing. Applications by January 28th to the Committee of Management.

FARRINGTON GENERAL DISPENSARY AND LYING-IN CHARITY, Bartlett's Buildings, Holborn.—Honorary Physician. Applications by January 21st to the Honorary Secretary.

GENERAL HOSPITAL, Birmingham.—Assistant House-Surgeon. Board, lodging, and washing. Applications by February 2nd to the House-Governor.

GREAT NORTHERN CENTRAL HOSPITAL, Holloway Road, N.—Physician to Out-Patients. Applications by January 28th to the Secretary.

GUY'S HOSPITAL, S.E.—Six Assistant Dental Surgeons, Lecturers on Dental Anatomy and Physiology, and Dental Mechanics, Anaesthetist, and Tutor for Dental Students. Applications by March 25th to the Clerk to the Governors.

HANTS COUNTY ASYLUM.—Junior Assistant Medical Officer. Salary, £100 per annum, with board and lodgings, etc. Applications by January 22nd to the Committee of Visitors, Knowle, Fareham.

HOSPITAL FOR SICK CHILDREN, Great Ormond Street, W.C.—Medical Registrar and Pathologist. Honorarium of 50 guineas for twelve months. Applications by January 22nd to the Secretary.

JAFFRAY SUBURBAN BRANCH OF THE GENERAL HOSPITAL, Birmingham.—Resident Medical Officer. Salary, £150 per annum, with board, lodging, and washing. Applications by February 2nd to the House-Governor.

LIVERPOOL EYE AND EAR DISPENSARY.—House-Surgeon. Salary, £80 per annum, with board and residence. Applications by January 21st to R. Haigh, Esq., Grosvenor Buildings, Liverpool.

LUNATIC HOSPITAL, The Coppice, Nottingham.—Assistant Medical Officer. Salary, £100 per annum, with board and lodging, etc. Applications by January 31st to Dr. Tate.

MANCHESTER ROYAL INFIRMARY.—Honorary Assistant Physician to the Dispensary and Lunatic Hospital or Asylum. Applications by January 19th to the Chairman of the Board, Royal Infirmary, Manchester.

OUGHTERD UNION.—Medical Officer for Cloonbur No. 2 Dispensary. Salary, £102 per annum and fees. Application to Mr. James Higgins Honorary Secretary. Election on January 22nd.

ROYAL ALBERT EDWARD INFIRMARY AND DISPENSARY, Wigan.—Junior House-Surgeon. Salary, £80 per annum, with board and lodging. Applications by January 31st to the Secretary.

ST. OLAVE'S UNION, Bermondsey.—Resident Assistant Medical Officer and Dispenser. Salary, £100 per annum, with board and lodging. Applications by January 22nd to J. G. Hawkins, Esq., Clerk's Offices, Tanner Street, Bermondsey.

SOMERSET AND BATH ASYLUM, Wells.—Junior Assistant Medical Officer. Salary, £100 per annum, with board, lodging, and washing. Applications to Dr. A. Law Wade, Superintendent.

STATE CRIMINAL LUNATIC ASYLUM, Broadmoor.—Junior Assistant Medical Officer. Salary, £175 per annum, rising £5 annually to £200, with furnished apartments, etc. Applications by January 28th to the Medical Superintendent, Broadmoor Asylum, Crowthorne, Wokingham.

SUSSEX COUNTY HOSPITAL, Brighton.—Assistant Physician. Applications by February 6th to the Secretary.

SUSSEX COUNTY HOSPITAL, Brighton.—Physician. Applications by February 6th to the Secretary.

THE FRIENDS' RETREAT (HOSPITAL FOR THE INSANE), York.—Junior Assistant Medical Officer (on March 31st). Salary, £80 per annum, with board. Applications to Dr. Baker, The Retreat, York.

VICTORIA HOSPITAL FOR SICK CHILDREN, Queen's Road, Chelsea, S.W.—Physician to In-patients. Applications by January 26th to the Secretary.

MEDICAL APPOINTMENTS.

BAYS, James T., M.B. Lond., M.R.C.S., L.S.A., appointed House-Surgeon to the Hospital for Sick Children, Great Ormond Street, *vice* L. Gabriel, M.B. Lond., resigned.

CHARSLLEY, R. S., B.A. Oxon., M.R.C.S. Eng., L.R.C.P. Lond. (late House-Surgeon), appointed House-Physician to Westminster Hospital.

DOWDIE, J. Walker, M.B., F.F.P. & S.G., etc., appointed Surgeon to the Department for Diseases of the Throat and Nose in Glasgow Western Infirmary, *vice* John Alexander, M.D., resigned.

LITTLE, A. N., M.B. Lond., appointed Senior Assistant Medical Officer to the Holloway Sanatorium.

MELLAND, Brian, M.B., M.Sc.Vict., M.R.C.S., appointed Junior Resident Medical Officer to the General Hospital for Sick Children, Pendlebury, Manchester, *vice* J. H. Thompson, M.D.Vict., promoted.
 PRATT, G. A., M.R.C.S.Eng., L.R.C.P., appointed House-Surgeon to the Radcliffe Infirmary, Oxford, *vice* F. S. Arnold, M.B., M.R.C.S., resigned.
 SIMPSON, J. B., M.B., C.M.Edin., appointed Medical Officer for Ballachulish, N.B., *vice* D. McCalman, M.D., C.M., resigned.
 TANNER, C. P., M.R.C.S.Eng., L.R.C.P.Lond., appointed Third Assistant Medical Officer to the Worcester County and City Lunatic Asylum, *vice* A. N. Little, M.B.Lond., resigned.
 THOMPSON, J. Hilton, M.D.Vict., appointed Senior Resident Medical Officer to the Children's Hospital, Pendlebury, Manchester, *vice* H. H. Fisher, M.B.Lond., resigned.
 VOELCKER, A. F., M.D., B.S.Lond., M.R.C.S., appointed Physician's Assistant to Out-Patients, University College Hospital.

BRITISH GYNÆCOLOGICAL SOCIETY.—The annual general meeting of this Society was held on Wednesday, January 9th. The following gentlemen were elected officers and council for the year 1889: *Honorary President*: Robert Barnes, M.D., F.R.C.P. *President*: *Arthur Vernon Macan, M.B., B.A., F.K.Q.C.P.I. *Vice-Presidents*: Fancourt Barnes, M.D.; J. G. Sinclair Coghill, M.D.; J. Halliday Croom, M.D.; *Thomas M. Dolan, M.D.; William Gardner, M.D.; W. Chapman Grigg, M.D.; William T. Lusk, M.D.; *James A. Mansell-Moullin, M.B.; Thomas Savage, M.D.; *W. Japp Sinclair, M.D.; *Brice Smyth, M.D.; William Walter, M.D. *Treasurer*: G. Granville Bantock, M.D., F.R.C.S.Ed. *Librarian*: Bedford Fenwick, M.D. *Council*: William Alexander, M.D.; Thomas A. Cambridge, M.R.C.S.; *William A. Dingle, M.R.C.S.; R. W. Edginton, M.D.; *Arthur W. Edis, M.D., F.R.C.P.; *George Elder, M.D.; C. Egerton Fitzgerald, M.D.; *Robert Harvey, M.D.; A. Phillips Hills, M.R.C.S.; Francis Imlach, M.D.; *John A. Lycett, M.D.; Thomas Morton, M.D.; *James Murphy, M.D.; F. Albert Purcell, M.D.; J. A. Rawlings, M.R.C.P.; W. Loudon Reid, M.D.; C. H. F. Routh, M.D.; *Samuel Sloan, M.D.; J. Greig Smith, M.D.; *Heywood Smith, M.D.; W. J. Smyly, M.D.; W. Dunnett Spanton, F.R.C.S.Ed.; Lawson Tait, F.R.C.S.; *Edward G. Whittle, M.D. *Honorary Secretaries*: Bedford Fenwick, M.D.; *Richard T. Smith, M.D. The gentlemen whose names are marked with an asterisk (*) were not on the council or did not hold the same office during the preceding year.

LIVERPOOL MEDICAL INSTITUTION.—At the annual meeting held on January 10th, the following list of officers, council, and microscopical committee was adopted:—*President*: William Carter, M.D., F.R.C.P.; *Vice-President*: F. J. Bailey, L.R.C.P.; George E. Walker, F.R.C.S.; *A. Bernard, M.B.; *Richard Williams, M.R.C.S. *Hon. Treasurer*: J. N. Cregeen, L.R.C.P. *Hon. General Secretary*: *E. W. Hope, M.D. *Hon. Secretary Ordinary Meetings*: Damer Harrisson, M.R.C.S. *Hon. Librarian*: *C. G. Lee, M.R.C.S. *Council*: W. J. Fleetwood, M.K.Q.C.P.I.; Robert Jones, M.R.C.S.; J. Birbeck Nevins, M.D.; C. Puzey, M.R.C.S.; *A. Barron, M.B.; *R. A. Brannigan, M.D.; *G. Westby, M.K.Q.C.P.I.; *R. Hughes Jones, L.R.C.P.; *T. H. Bickerton, M.R.C.S.; *Stanley Gill, M.D.; *W. Macfie Campbell, M.D.; *G. W. Steeves, M.D. *Microscopical Committee*: A. Barron, M.B.; *T. R. Bradshaw, M.D.; G. G. Hamilton, F.R.C.S.; *T. B. Grimsdale, M.B.; J. R. Logan, M.B.; Rushton Parker, F.R.C.S.; Frank T. Paul, F.R.C.S.; J. Wigglesworth, M.D.; *Peter Davidson, M.B.; *J. E. Gemmell, M.B.; *Arthur Wilson, M.R.C.S. *Auditors*: *Robert Jones, M.R.C.S.; and *K. A. Grossmann, M.D. Those marked (*) did not hold the same office last year.

MANCHESTER MEDICAL SOCIETY.—The following is a list of the office-bearers for 1889, elected at the annual meeting of this Society held on January 9th. *President*: James Ross, M.D. *Vice-Presidents*: Frederick Melland; Philip Henry Mules, M.D.; George Arthur Wright, M.B.; Alfred Harry Young, M.B. *Treasurer*: Charles Edward Glascott, M.D. *Secretary*: Frederick Armitage Southam, M.B., 242, Oxford Road, Manchester. *Elected Members of Committee*: Henry Ashby, M.D.; Henry Ambrose Grundy Brooke, M.B.; Samuel Buckley, M.D.; Joshua John Cox, M.D.; Leslie Hudson Jones, M.D.; Thomas Jones, M.B.; Frederick William Jordan; James Niven, M.B.; Simeon Holgate Owen, M.D.; Thomas Carleton Railton, M.D.; Graham Steel, M.D.; William Yeats, M.D. (The above, with the past Presidents of the Society and two representatives of the Council of the Owens College, form the Committee.) *Library Committee*: Abraham Matthewson Edge, M.D.; Abraham Emrys-Jones, M.D.; Siegmund Moritz, M.D.; James Ross, M.D.; William Yeats, M.D. *Auditors*: Minas Manook Basil, M.B.; Archibald Donald, M.D.

SOCIETY FOR THE RELIEF OF WIDOWS AND ORPHANS OF MEDICAL MEN.—A quarterly court of the directors of this Society was held at Berners Street on Wednesday, January 9th, at 8 p.m., Sir James Paget, President, in the chair. It was resolved to distribute £1,350 10s. among the 61 widows, 13 orphans, and 3 orphans on the Copeland Fund. The deaths of 3 widows were reported. There were no fresh applications for grants. The expenses of the quarter amounted to £61 10s. 6d. The treasurer stated that the centenary present, £351, had been given to the widows and orphans on October 29th of last year. Five new members were elected, and the deaths of five announced. A legacy of £100 had been received from the executors of Miss Louisa McKellar, and a donation of £100 from Dr. Matthews Duncan on the occasion of the centenary. The directors determined to send a copy of the Short History of the Society, with extracts from the by-laws and a form of proposal, to all medical men within the radius of the Society.

BURIAL REFORM.—Canon Erskine Clarke presided at the first monthly meeting this year of the Council of the Church of England Burial, Funeral, and Mourning Reform Association in the Church House, Westminster. It was stated that cremation was beyond the province of the society, which was formed simply to remove abuses in prevalent modes of burial. The Secretary reported that the Bishop of London, the Bishop of Bedford, and the Bishop of Leicester were among those who hoped to attend the eleventh annual meeting in the Mansion House, London, on May 3rd. Since the new year began conferences have been held in the municipal buildings of Leicester, Northampton, and Leeds under the presidency of the mayor of each town respectively, and motions were carried urging local authorities to provide larger spaces for the burial of the dead, and recommending the disuse of durable coffins and bricked graves.

DIARY FOR NEXT WEEK.

MONDAY.

MEDICAL SOCIETY OF LONDON, 8.30 p.m.—Dr. W. R. Gowers: The Lettsomian Lecture on Syphilis and the Nervous System. Lecture II.

TUESDAY.

ROYAL MEDICAL AND CHIRURGICAL SOCIETY, 8.30 p.m.—Dr. G. M. Humphry, F.R.S.: Back-knee, Bow-knee, Knock-knee, and other Deformities resulting from Defect of Growth at the Epiphysal Lines. Dr. P. Kidd: On a Peculiar Obstructive Form of Laryngeal Tuberculosis which simulates Bilateral Abductor Paralysis.

WEDNESDAY.

BRITISH GYNÆCOLOGICAL SOCIETY, 8.30 p.m.—Specimens will be exhibited by Dr. Granville Bantock, Dr. Edis, Dr. Richard T. Smith, Mr. Lawson Tait, and others. President's Address. Dr. Bowreman Jessett: On Two Cases of Abdominal Operation with Unusual Complications.

HUNTERIAN SOCIETY, 8 p.m.—Dr. Turner: A Case of Endocarditis. Dr. Pitt: Bronchiectasis in Childhood.

THURSDAY.

THE SANITARY INSTITUTE (Parkes Museum, 74A, Margaret Street, W.), 5 p.m.—Dr. G. V. Poore: On London, Ancient and Modern, from a Sanitary Point of View.

NEUROLOGICAL SOCIETY OF LONDON, National Hospital for the Paralysed and Epileptic, Queen Square, Bloomsbury, 8.30 p.m.—Annual Meeting for Election of Office-bearers, etc. Address by Jonathan Hutchinson, F.R.S.: On the Nervous System in its relation to Diseases of the Skin, and on other topics.

FRIDAY.

CLINICAL SOCIETY OF LONDON, 8.30 p.m.—Address of the President. Mr. Mayo Robson: Case of Successful Nerve-grafting. The patient to be shown. Mr. H. W. Allingham: Case of Removal from the Knee-joint of a Dislocated Internal Semilunar Cartilage. Mr. A. Bowlby: Case of Compound Dislocation of the Elbow-joint, with Rupture of the Ulnar Artery: Recovery.

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.

MARRIAGE.

TIDEX—BOOTH.—On January 8th, at St. Mary's, Twickenham, by the Rev. Canon Carter, Warden of Clewer, assisted by the Rev. R. Tahourdin, M.A., Vicar of Twickenham, Stuart Alexander Tidey, M.B.Lond., son of Alfred Tidey, of Glenelg, Acton, to Georgiana, daughter of George Booth, of Grosvenor House, Twickenham.

"THE STOMACH BRUSH."

A DENTAL journal publishes the following, translated from the German:—In 1713 there was published a pamphlet entitled, *A Complete Account of the most Useful Stomach Brush which is now to be had at the Brushmakers at the Old Court Saddler's Shop in Broad Street in Colln-on-the-Spree*. Many a one may have wished to be able once in a way to have his stomach thoroughly cleaned out, and this speculative brushmaker gave a practicable means to give effect to this wish. In the pamphlet there is a drawing of the stomach brush; it resembles a pipe cleaner, but, of course, is larger. The stalk is made of four wires twisted together, covered with thread, silk, or small ribbons; it is 26 inches long. The brush at the under end is 2 inches long and 1½ broad, and is made of goat's beard hair; but, when one has been accustomed to use it for three or four weeks, a horsehair brush is substituted, this hair being somewhat stronger, and so the effect is better. The application of this most excellent brush is very simple. It is pressed through the throat down into the stomach, which, by drawing up and down of the brush, is cleaned; thereafter cold water or brandy is to be drunk, and the operation is repeated till the cleaning is perfect. The cure is to be repeated every morning.

The author says "at first you will find it rather troublesome to get the brush down, but when you put it in your mouth and on your palate, draw in breath and wind, and press it gently and gradually down, and, without any particular trouble, it will reach the stomach. After eight to fourteen days' practice, it will come as easily to you as eating or drinking."

Of course, the daily application of the stomach brush is the infallible remedy or preventive of all diseases that can be imagined. "Whoever uses this cure requires no other medicine, for it is good against all—cold, hot, and poisonous fevers, it gives a good appetite for eating, it is good against asthma, hemorrhage, headache, chest complaints, coughs, consumptions, apoplexy, toothache, sore eyes, dysentery, quinsy on the tongue, quinsy in the throat, ulcers, abscesses, cardiacy; it favours digestion, strengthens the heart, drives away pimples on the skin, is against choking in the stomach, etc., makes too fat and asthmatical and swollen-up people thin, and, on the other hand, makes meagre and thin people fat. This great effect, however, is produced only when the use of the brush is combined with that of an elixir. This is compounded of aloes, saffron, rhubarb, lark-mushroom, wormseed, eugenia, myrrh, theriac. After the stomach washing, 40 to 50 drops of the elixir is to be taken in wine, and this preserves for twenty-four hours against all poison and pestilence."

THE TREATMENT OF OBESITY.

DR. C. F. HUTCHINSON (Monte Carlo) writes: I can fully endorse the remarks made by Mr. Towler-Smith with regard to the treatment of obesity by the hot water and beef-steak treatment, as I have frequently practised it most successfully during the last three years. My attention was drawn to the subject during a holiday visit to New York some three years ago by a friend whom I met, and who had himself undergone the process and received great benefit therefrom. He was so enthusiastic about it that I was induced to call upon the inventor of the process, and judge for myself. I accordingly called upon Dr. Salisbury, of New York, who most graciously received, and every detail described. He, like every other enthusiast, thought he could cure everything by it, and especially phthisis and fibroid tumours of the uterus. Dr. Salisbury showed me, at my request, several of his cases, which no doubt had greatly improved, but whether on account of, or in spite of, the treatment I am not in a position to say. I must admit to possessing far too sceptical a mind to admit the curability of any organic disease by this process; but, for inorganic troubles of a dyspeptic and gouty nature, the diet is of the greatest benefit; for obesity, in the otherwise healthy, it is a certain cure. Butchers' meat in America is of a very inferior quality, being very often stringy and tough; to obviate this drawback Dr. Salisbury has invented a small machine, somewhat of the character of a sausage machine, which separates the pulp of the meat from the fibre. The latter is thrown away, and the pulp formed into small squares, and cooked on a gridiron like the ordinary chop. In England, however, where our average meat is so much finer in quality, I have not found this necessary, but simply use the steak freed as much as possible from fat and fibre.

IS APOMORPHINE A SAFE EMETIC?

M.R.C.S., L.R.C.P. writes: Some few months back, a woman was brought to me in a maniacal state by a policeman, who told me that, having had a "few words" with her husband, the patient drank off the contents of a bottle of liniment. The bottle, which he brought with him, contained 11 drachms of lin. camph. co., and as it was said to have been more than half full, and was a pint wine bottle, I concluded she had swallowed at least 5 ounces. Failing in my attempts to administer an emetic, and fifteen minutes not having elapsed since the occurrence, I injected subcutaneously one-fifteenth of a grain of apomorphine. In a few minutes the woman became quiet and then rapidly collapsed, and, despite the injection of brandy and ether, the application of hot bottles, etc., died twelve minutes after the injection.

I applied to the coroner for a *post mortem*, which he refused. Having some suspicion as to the apomorphine I had the solution I used analysed, and was informed that in all respects it was good. The patient vomited only 2 ounces of the liniment swallowed, and that while I was giving the injection, and I am compelled to think that the death was due to the apomorphine.

A medical friend told me that, when a student some three years back, he saw apomorphine injected in a case of poisoning without causing vomiting and bringing on collapse, the patient with difficulty being kept breathing until he seemed to sleep naturally, and then sleeping heavily for some hours; in that case there was decomposition of the solution, however.

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

Dr. G. W. Crowe, Worcester; Dr. McIntyre, London; Surgeon-Major W. J. Fawcett, Punjab; The Registrar of the Royal College of Surgeons in Ireland, Dublin; Dr. C. T. Williams, London; Mr. G. W. Hambleton, London; Mr. J. H. Tomkins, Clifton; Messrs. Bush and Co., London; Mr. C. Feyer, London; Sir P. Eade, Norwich; Dr. Rentoul, Liverpool; Our Egyptian Correspondent, Cairo; Mr. J. Daland, Philadelphia; Mr. R. N. Day, Harlow; Mr. G. Rankin, Warwick; Mr. A. Taberner, Wigan; Dr. J. A. Wilson, Springburn, Glasgow; Dr. E. H. Hardwicke, Newmarket; Dr. Braxton

Hicks, London; Dr. Swann, Batley; Our Sheffield Correspondent; Mr. D. Tallerman, London; The Lady Superintendent of the School of Massage and Electricity, London; The Editor of the *Sheffield and Rotherham Independent*, Sheffield; Dr. R. Stockman, Edinburgh; The Secretary of the Grosvenor Club, London; A. M. S.; Dr. Scott, Gibraltar; Dr. E. J. Edwardes, London; Mr. W. Sedgwick, London; Dr. A. Duke, Dublin; Messrs. Street Brothers, London; Mr. W. J. V. Harle, London; Mr. F. Newland Pedley, London; Prof. W. Stirling, Manchester; Dr. W. B. Geikie, Toronto; Dr. Bronner, Bradford; Our Manchester Correspondent; Mr. W. Dale, Penzance; Mr. E. Nundy, London; Mr. C. E. S. Fleming, Freshford; Mr. T. McCubbin, Govanhill; J. Ogilvie, M.B., Bolton; The Secretary of the Church of England Funeral and Mourning Reform Association, London; Mr. E. T. Cowen, London; Mr. D. S. Kennedy, Perth; Sir Robert Rawlinson, London; The Woodhouse and Rawson Electric Supply Company, London; Mr. J. Donnet, Bognor; Mr. R. S. Charsley, London; The Secretary of the British Hospital for Sick Children and Women, Bristol; Mr. A. T. Nisbet, Newton Abbot; Mr. W. Jones, Liverpool; The Aria Patent Lamp Company, London; Surgeon J. R. Stuart, M.B., Colchester; Dr. J. M. Ackland, Exeter; Dr. C. Godson, London; Mr. C. B. Harris, Sittingbourne; Mr. C. B. Keetley, London; The Secretary of the Gresham College, London; Messrs. J. and A. Churchill, London; Mr. H. C. Nance, Norwich; Mr. A. D. Leadman, Boroughbridge; Dr. T. Tinley, Whitby; Mr. C. Hancock, London; Mr. Adams Frost, London; Mr. T. B. Browne, London; Mr. W. Soper, London; Mr. W. F. H. Hilder, Uttoxeter; Mrs. M. A. Fardell, Bawtry; Dr. Nelson, Boston, U.S.A.; Mr. F. W. Pilkington, Littlemore; Lieut.-Gen. E. F. Bouchier, Brighton; Mr. F. A. Southam, Manchester; D. C. Trott, M.B., Chicago, Illinois; Mr. W. W. Jones, London; The Secretary of the Devonshire Hospital, Buxton; Mr. T. O. Sandell, London; Mr. G. F. Blaker, London; Mr. W. R. Edmond, Chew Magna; Dr. J. Anderson, London; Mr. C. D. Palmer, Buxton; Prof. M. Tidy, London; Dr. Tatham, Salford; J. R.; Mr. G. Willett, Bristol; Mr. S. Snell, Sheffield; Mr. Mackern, Long Eaton; Mr. V. Ardagh, Northam; Mr. H. W. Griffiths, Newport; Dr. P. Boobyer, Nottingham; J. T. Bays, M.B., London; Dr. J. W. Moore, Dublin; Dr. Leet, Liverpool; Mr. A. P. Foot, Cork; Dr. Farquharson, M.P., London; Mr. S. Murphy, London; Mr. Blackett, London; Dr. G. Henty, London; Mr. W. H. Brenton, Plymouth; Mr. R. Arnold, London; Dr. F. C. Turner, London; Mr. E. White Wallis, London; Mr. R. W. Barron, Hoylake; Dr. C. Louis Parkes, London; Dr. C. Warden, Birmingham; Mr. T. A. Kennard, Highworth; Mr. W. E. S. K. Finny, Barming Heath; Mr. J. Rigby, Preston; Dr. Ratton, London; Mr. J. Odling, London; Dr. J. A. Byers, Belfast, etc.

BOOKS, ETC., RECEIVED.

Memoirs and Memoranda in Anatomy. Vol. I. By J. Cleland, M.D., LL.D., F.R.S.; John Y. Mackay, M.D., C.M.; and R. Bruce Young, M.A., M.B. London and Edinburgh: Williams and Norgate.

Guy's Hospital Reports. Edited by N. Davies-Colley and W. Hale White. Vol. XLV, being Vol. XXX of the Third Series. London: J. and A. Churchill.

The St. Moritz Post, Davos and Maloja News. Edited by F. de Beauchamp Strickland. Special Christmas Number, 1888.

Transactions of the Sanitary Institute of Great Britain. Volume IX. Congress of Bolton, 1887-8. London: Office of the Sanitary Institute.

Life Register. London: West, Newman, and Co. 1888.

Plumbing. A Textbook to the Practice of the Art or Craft of the Plumber. By William Paton Buchan, R.P. London: Crosby Lockwood and Son. 1889.

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