

an officer of health really does his duty.—We are, your lordships and gentlemen, your obedient servants,

ALGERNON SUDLOW, Castle Combe
JAMES HENRY CRISP, Lacock
THOS. FITZHERBERT SNOW, Box
HENRY M. JAY, Chippenham
J. PERCIE GARLIKE, Sutton Benger, Chippenham
ARTHUR G. WOOD, Corsham
MERVYN S. WILSON, Chippenham
JAMES P. MARTIN, Box
J. ELLIS CRISP, Corsham.

To the Secretary of the Local Government Board.

SIR,—We, the undersigned, being the whole of the medical men resident within the rural sanitary district of the Chippenham Union, and the urban district of the municipal borough of Chippenham, in both of which Dr. William Briscoe is the medical officer of health, beg to call your attention to the fact that he is in private practice, and, in addition to it, holds a large number of clubs and other appointments, which will make it impossible for him to carry out the duties required under the Infectious Disease (Notification) Act, 1889, which act the sanitary authorities above referred to have decided to adopt, and we would wish you to urge the Chippenham authorities to combine with others to appoint a medical officer of health who would devote the whole of his time to the duties, and be restricted from taking private practice and other appointments.

So much do we feel the importance of this, that as long as the medical officer of health is in private practice we shall not notify disease to him; but if, on the other hand, the medical officer of health does not hold any other appointment, or engage in private practice, we will one and all give him our loyal and hearty support.—We have the honour to be, Sir, your obedient servants.

ALGERNON SUDLOW
JAMES HENRY CRISP
THOS. FITZHERBERT SNOW
HENRY M. JAY
J. PERCIE GARLIKE
ARTHUR G. WOOD
MERVYN S. WILSON
JAMES P. MARTIN
J. ELLIS CRISP.

ASSOCIATION INTELLIGENCE.

NOTICES OF BRANCH MEETINGS intended for insertion in the JOURNAL of the current week should be forwarded, addressed to the Editor, so as to reach the office not later than mid-day Wednesday of that week.

BRANCH MEETINGS TO BE HELD.

OXFORD AND DISTRICT BRANCH.—The next meeting of the Branch will be held on Friday, January 31st, at 3.15 P.M., in the Radcliffe Infirmary. Notice of papers to be read and cases shown, etc., should be sent to W. LEWIS MORGAN, Honorary Secretary, 42, Broad Street, Oxford, on or before January 17th.

NORTH OF IRELAND BRANCH.—A general meeting of this Branch will be held in the Board Room of the Belfast Royal Hospital, on Thursday, January 30th, at 4 o'clock P.M. Gentlemen proposing to read papers, show cases, etc., will communicate as early as convenient with JOHN W. BYERS, M.D., Honorary Secretary, Tower Crescent, Belfast.

SPECIAL CORRESPONDENCE.

MANCHESTER.

Salford Hospital for Infectious Diseases.—Seeking the Measles.—Manchester Medical Society.

SALFORD is to have a new hospital for infectious diseases, to be erected on a plot of land about thirteen acres in extent. The building is to have three spacious, well-ventilated and well-lighted pavilions, with 144 beds. The cost is estimated at £50,000.

An exceptionally large number of children having died at Warrington within the past fortnight—44 as against 11 in the corresponding period in 1888—the Chairman of the Sanitary Committee stated there seemed to be an idea prevailing among mothers that their children had to have the measles, and, having to have the disease, it was as well to get it over. Whenever there was the chance, therefore, they put their children in the way of contracting the disease, to the danger of the community generally.

The annual meeting of the Manchester Medical Society was held in Owens College last week. In the annual report it was stated that the Committee had under their consideration the possibility of establishing a central medical institution. The cost of a suitable site, with building, furnishing, etc., in the city would be not less than £10,000, while an income of £300 beyond the present annual income would be required.

CORRESPONDENCE.

LONDON UNIVERSITY RECONSTRUCTION SCHEME.

SIR,—The draft scheme for the reconstruction of the Lo University, as published in the JOURNAL of January 4th, contains such startling innovations and such flagrant injustice to existing graduates of the London University, that I must ask for a few lines to express, not only my own views, but also those of every London graduate with whom I have spoken on the question.

1. The present graduates have spent time and money to obtain what is acknowledged to be a university degree of the highest standing; the giving of degrees (with exactly the same title) for a less severe curriculum and examinations will inevitably lower the estimation of such degrees, and injuriously affect the present graduates.

2. To confer the M.D. degree on all existing M.B.s is unjust to the existing M.D.s who have had to pass an examination in logic and psychology as well as medicine; while to confer the title of "Honours" degree on all existing M.D.s is unjust to those graduates who have taken honours, and who already have the right, if they choose, to add the word "Honours" to their names.

3. To dispense with matriculation and preliminary science under certain conditions is distinctly a retrograde step, and contrary to all the tendencies of modern medical education, which is very properly seeking to exclude unfit men at the outset of their professional career.

If it is proved that in the past the London University has been a failure, then by all means let it be abolished, and let its graduates retain whatever distinction they may have acquired; at the same time, let the reconstructed university be a new one in name as it will be in fact, and give what distinction it can to its own degrees, without attempting to trade on the prestige and traditions of over half a century.

The clamour for an easier degree arises from those who hope to reap a rich harvest of students' fees by offering as a bribe an M.D. Lond. to the crowds of men who regard a university degree as essential to successful practice, and who are not sufficiently industrious or intellectually capable of fulfilling the very moderate requirements for a pass degree. I feel that the time has arrived for London graduates to protect their rights, and should be glad to support any attempt to form a "London Graduates' Defence Association."—I am, etc., M.D. LOND. (HONOURS).

ENGLISH AND FOREIGN HEALTH RESORTS.

SIR,—Dr. Leonard Williams, whose letter on the subject indicated above, appears in the JOURNAL of January 11th, remarks: "And even now no one in his senses thinks of drinking water 'raw' whilst on the Riviera." Dr. Williams evidently does not know that most of the health resorts in the Riviera have their separate water supplies. This is notably the case in San Remo, where the water is abundant and of excellent quality. It is laid on to all the hotels, *pensions*, and all, or nearly all, the private houses and such as are let to winter visitors.

Then, again, Dr. Williams writes: "There have been no reasonable precautions abroad to prevent illness from decomposing sewage, let alone the offence both to eyesight and to smell." One would almost be led to infer from the language used in this sentence that the sewage was lying about in the open, without any attempt at its conveyance to a distance or to the cleansing of the towns. A great deal has been already done as to the disposal of the town refuse; but in many cases, it must be admitted, much more is required to be effected before matters are in a satisfactory condition in this respect. I believe if the same rigorous conditions were applied to many of the towns in England, their state would sometimes be found anything but perfect.

Dr. Williams refers to the equability of the climate of Sidmouth, and he gives the mean monthly temperatures for the whole year. But I would point out—though I have no desire to contest the climate of Sidmouth—that this is not enough to establish the fact of equability. The daily range of temperature and the mean temperature require to be determined. There may be great ranges of temperature with a moderate mean monthly range. Turning to my book on San Remo, and to my meteorological observations taken there for the last ten years, I find that the extreme daily variation of shade temperature does not exceed 14° F., and this point it reaches only very rarely; while the mean

MEDICAL NEWS.

EXAMINING BOARD IN ENGLAND BY THE ROYAL COLLEGES OF PHYSICIANS AND SURGEONS.—The following gentlemen passed the Second Examination in Anatomy and Physiology at a meeting of the Board of Examiners on January 13th, namely:

E. H. Batchelor, G. Hepworth, and H. Keighley, students of Yorkshire College, Leeds; R. L. Chapple, of Leeds and Mr. Cooke's School of Anatomy and Physiology; T. H. Price, of Queen's College, Birmingham; A. E. Milner, C. G. Morris, of Bristol Medical School; W. E. Bond, of St. Bartholomew's Hospital; and E. Du Cane, of Carmichael College, Dublin.

Passed in Anatomy only.

H. Taylor, and W. Thomas, of Yorkshire College, Leeds; C. E. Brooks, A. L. Knapman, H. Litherland, and H. Richardson, of Owens College, Manchester; E. G. C. F. Atchley and A. L. Flemming, of Bristol Medical School; W. H. Allen and J. A. Hogg, of Queen's College, Birmingham; T. P. Stokes, of Sheffield Medical School; E. Smallwood, of University College, Liverpool; and W. G. Pretsell, of Glasgow University.

Passed in Physiology only.

A. H. Bradshaw and E. Howgate, of Yorkshire College, Leeds; S. Carter, of Owens College, Manchester; J. Craigie, H. F. Cook, and H. W. Nott, of University College, Liverpool; G. Alcock and H. Lowe, of Queen's College, Birmingham; J. E. H. Phillips, of Charing Cross Hospital; H. Boam, of University College; and W. A. Green, of Dublin and Mr. Cooke's School of Anatomy and Physiology.

Passed in Anatomy and Physiology on January 14th.

O. W. Gange, A. E. Pryse, and H. J. Scharlieb, of University College; E. Sutton, of London Hospital; F. Elvy and G. M. Keevil, of Middlesex Hospital; V. Howard, of St. Bartholomew's Hospital and Mr. Cooke's School of Anatomy and Physiology; H. S. Maw, of St. Bartholomew's Hospital; A. T. Duka and H. G. White, of St. George's Hospital; E. E. Frazer, of Guy's Hospital.

Passed in Anatomy only.

E. M. Nelson, of Yorkshire College, Leeds; F. B. G. Stableford, of Queen's College, Birmingham; J. F. Smart, of St. Thomas's Hospital; J. D. Hessey, of Middlesex Hospital; E. D. Madge, of Middlesex Hospital and Mr. Cooke's School of Anatomy and Physiology; J. J. Mooney, of Owens College, Manchester; E. H. Bingley, E. S. Hemsted, and T. Heywood, of St. Mary's Hospital; C. E. Bashall and J. Wood, of St. Thomas's Hospital; A. Allport, of Guy's Hospital; G. R. Adcock, R. H. Crowley, of St. Bartholomew's Hospital; J. E. Owens, W. C. Orme, of London Hospital; E. Sly and C. Williams, of King's College; and L. P. Tomlinson, of St. George's Hospital.

Passed in Physiology only.

H. A. Beetham, of Yorkshire College, Leeds; H. K. Hunter and H. H. Tipping, of Queen's College, Birmingham; G. H. Jones and H. E. Pittway, of Middlesex Hospital; E. E. W. Roe, of Guy's Hospital; E. W. Brewerton and G. F. Holt, of St. Bartholomew's Hospital; and John Kyffin, of London Hospital.

DR. ANTON FRIEDRICH VON TRÖLTSCH, Professor of Ear Diseases in the University of Würzburg, whose name is a household word among otologists, died on January 9th, after a lingering illness.

PRINCE ALBERT VICTOR received on January 9th, at Calcutta, a deputation of the Leper Asylum Committee, who solicited from his Royal Highness permission to call by his name an asylum, which it is proposed to build.

OPEN SPACES.—Petitions are being extensively signed in North London against the proposal of the London County Council to make a new road across the Parliament Hill fields, which were recently acquired as an addition to Hampstead Heath.

HORSEFLESH.—A sausage manufacturer of Reading named Myers, who was found with horseflesh on his premises, has been fined by the magistrates £5 for having failed to comply with the conditions of the Act, which requires that the fact that horseflesh for human food is dealt in should be notified in conspicuous character, in front of the shop.

PRESENTATION.—On Saturday, January 11th, Surgeon-Major R. Vacy-Ash, M.S., was presented with a very handsome silver inkstand, by the ladies of the Advanced and Ambulance Classes of the Brighton Branch of St. John Ambulance Association. The classes have been most successful, every lady gaining the vellum certificate.

"ACCIDENTAL DEATH FROM HYDROPHOBIA!"—This, says the *Daily Telegraph*, was the verdict returned by a Westminster jury sworn to inquire how Henry Faircloth, fourteen years of age, came to die. Let those, it adds, who so violently complain of the "muzzling order" consider the circumstances under which this unfortunate lad lost his life. A stray dog bit him in Lupus-street, Pimlico. Although the wound was immediately afterwards cauterised, symptoms of hydrophobia—the most agonising of all diseases—soon appeared. Faircloth was tended as carefully and as skilfully as possible in St. George's Hospital, but his sufferings

increased in intensity until death put an end to his pain. An examination of the dog showed that rabies had full possession of the animal. How many persons may have been bitten before the constable despatched it with his truncheon nobody knows. At Bradford a dog has just been killed which had bitten eight people. And yet some persons complain of the discomfort caused to their pets by the "muzzling order."

VESICAL ALBUMEN.—Professor Guyon (*Annales des Mal. des Organes Génito-urinaires*, December, 1889), has recently drawn attention to this subject, chiefly in connection with stone in the bladder. Albumen is constant in cases of calculus when cystitis is present, but when the vesical mucous membrane has not suffered, the albumen may only be found in the urine at certain times which correspond with movement on the part of the patient. Professor Guyon states that he recently operated on a patient who consulted him for intermittent albuminuria, which turned out to be due to stone in the bladder. In this case blood was not clearly visible to the naked eye, but the microscope demonstrated its presence.

MANCHESTER MEDICAL SOCIETY.—At the annual meeting of this Society held on January 8th, the following were elected office bearers for the year 1890:—*President*: James Ross, M.D. *Vice-Presidents*: S. Buckley, M.D.; P. H. Mules, M.D.; F. A. Southam, M.B.; Graham Steel, M.D. *Treasurer*: C. E. Glascott, M.D. *Secretary*: T. C. Railton, M.D. *Members of Committee*: H. A. G. Brooke, M.B.; J. S. Bury, M.D.; A. M. Edge, M.D.; F. M. Granger; A. H. Griffith, M.D.; H. R. Hutton, M.B.; T. Jones, M.B.; F. W. Jordan; B. J. Massiah, M.D.; S. H. Owen, M.D.; G. A. Wright, M.B.; W. 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*: A. M. Edge, M.D.; A. Emrys-Jones, M.D.; S. Moritz, M.D.; J. Ross, M.D.; W. Yeats, M.D. *Auditors*: H. Lund, M.B.; C. E. Richmond.

LIVERPOOL MEDICAL INSTITUTION.—At the annual meeting held on January 9th, the following list of officers was adopted:—*President*: *W. Mitchell Banks, F.R.C.S. *Vice-Presidents*: A. Bernard, M.B.; Richard Williams, M.R.C.S.; *Damer Harrison, F.R.C.S.Ed.; *D. M. Williams, L.R.C.P. *Honorary Treasurer*: J. N. Cregeen, L.R.C.P. *Honorary General Secretary*: E. W. Hope, M.D. *Honorary Secretary of Ordinary Meetings*: *A. Barron, M.B. *Honorary Librarian*: C. G. Lee, M.R.C.S. *Council*: T. H. Bickerton, M.R.C.S.; W. Macfie Campbell, M.D.; Stanley Gill, M.D.; R. Hughes Jones, L.R.C.P.; G. W. Steeves, M.D.; G. Westby, M.K.Q.C.P.; *H. Briggs, F.R.C.S.; *W. Carter, M.D.; *P. Davidson, M.B.; *G. G. Hamilton, F.R.C.S.Ed.; *A. Samuels, M.D.; *Joseph Wigglesworth, M.D. *Microscopical Committee*: A. Barron, M.B.; T. R. Bradshaw, M.D.; J. E. Gemmell, M.B.; T. B. Grimsdale, M.B.; G. G. Hamilton, F.R.C.S.Ed.; *C. Macalister, M.B.; J. R. Logan, M.B.; Rushton Parker, F.R.C.S.; F. T. Paul, F.R.C.S.; J. Wigglesworth, M.D.; and Arthur Wilson, M.R.C.S. *Auditors*: *G. W. Steeves, M.D., and *T. Bushby, M.B. Those marked * did not hold the same office last year.

MEDICAL VACANCIES.

The following Vacancies are announced:

BARNSTAPLE UNION.—Medical Officer and Public Vaccinator for the No. 9 District. Salary, £90 per annum, and usual fees for vaccination and midwifery cases. Applications by January 23rd.

BEDFORD GENERAL INFIRMARY.—Resident Surgeon. Salary, £100 per annum, with apartments, board, and washing. Applications by January 22nd to the Secretary.

BELGRAVE HOSPITAL FOR CHILDREN, 79, Gloucester Street, Pimlico, S.W.—House-Surgeon. Board, etc. Applications by January 25th to the Honorary Secretary.

BOARD OF WORKS FOR THE ST. SAVIOUR'S DISTRICT.—Medical Officer. Salary, £200 per annum. Applications to Mr. W. H. Atkins, clerk, Emerson Street, Bankside, Southwark, S.E. Election January 20th.

BRIERLEY HILL LOCAL BOARD.—Medical Officer of Health. Salary, £50 per annum. Applications by January 20th.

BRIGHTON AND HOVE LYING-IN INSTITUTION.—Honorary Surgeon in Ordinary, A Fellow or Member of one of the Royal Colleges of Surgeons of Great Britain and Ireland. Election, Friday, February 7th.

BRISTOL EYE HOSPITAL.—Non-resident House-Surgeon. Salary, £120 per annum. Applications by January 22nd to Mr. F. R. Cross.

BUCKINGHAMSHIRE GENERAL INFIRMARY, Aylesbury.—Resident Surgeon and Apothecary. Salary, £80, advancing £10 per annum to £100, with board, furnished apartments, etc. Applications by January 28th to G. Fell, Esq., Solicitor, Aylesbury.

FISHERTON ASYLUM, Salisbury.—Assistant Medical Officer. Salary, £100 per annum, with board, lodging, and washing. Applications address to Dr. Finch, Salisbury.

GENERAL HOSPITAL, Birmingham.—Two Assistant House-Surgeons. Residence, board, etc. Applications by February 1st to House Governor.

HOLSWORTHY POOR-LAW UNION.—Medical Officer and Public Vaccinators. Nos. 4 and 5 Districts. Salary, No. 4 District, £28 3s. per annum. Salary, No. 5 District, £25 15s. per annum, including in each case all fees excepting those for midwifery cases, etc. Applications not later than January 21st to Cecil Bray, Clerk, Union Offices, Holsworthy.

HOLSWORTHY POOR-LAW UNION.—Medical Officer of Health for the Rural Sanitary Authority. Salary, £30 per annum. Applications by January 21st to Cecil Bray, Clerk, Union Offices, Holsworthy.

LIVERPOOL STANLEY HOSPITAL.—Junior House-Surgeon. Salary, £70, with board, etc. Applications by January 30th to J. E. Bennett.

MANCHESTER CLINICAL HOSPITAL FOR WOMEN AND CHILDREN.—Honorary Aural Surgeon. Applications by January 31st to H. Teague, Esq., Secretary, 38, Barton Arcade, Manchester.

MERCERS' HOSPITAL, Dublin.—Physician. Applications by January 20th to Anthony M'Guckin, Registrar.

MORPETH URBAN SANITARY AUTHORITY.—Medical Officer of Health. Salary, £20 per annum. Applications to the Clerk.

PARISH OF THE UNITED PARISHES OF WHITTLESEY.—District Medical Officer and Public Vaccinator. Salary as District Medical Officer £70 per annum, with usual extra fees. Fees for vaccination and revaccination 3s. and 2s. per case respectively. Applications not later than January 25th, endorsed "Applications for Medical Officer," to John Peed, clerk, Whittlesey, near Peterborough.

PAROCHIAL BOARD OF BIRSAY AND HARRY.—Medical Officer. Applications to the Inspector of the Poor.

RATHDOWN UNION, RATHMICHAEL DISPENSARY.—Medical Officer. Salary, £130 per annum and fees. Applications to Mr. Alexander Doran, Honorary Secretary, Quinsboro Road, Bray. Election on January 21st.

ST. MARY'S HOSPITAL, W.—Qualified Assistant in Electro-Therapeutic Department. Applications by January 23rd to Thomas Ryan, Secretary.

SOWERBY BRIDGE LOCAL BOARD OF HEALTH.—Medical Officer of Health. Salary, £30 per annum. Applications not later than January 29th to the Chairman of the Sanitary Committee, J. Smith, Esq.

STRAND UNION.—Dispenser, L.S.A., for Workhouse, Upper Edmonton. Salary, £100 per annum. Applications to Mr. C. F. Dorrell, 13, Henrietta Street, Covent Garden.

WESTERN FRIENDLY SOCIETY, GLASGOW.—The appointment of Medical Adviser, vacant by the death of Professor James Morton, M.D. Applications to be lodged by January 20th at 10 A.M. Further information from John Mann, C.A., Manager.

MEDICAL APPOINTMENTS.

ADAMS, James, M.D.Aberd., F.R.C.S.Eng., appointed Medical Officer to the Eastbourne Borough Sanatorium, *vice* H. S. Gabbett, M.D.Dub., M.R.C.P.Lond., resigned.

ARBuckle, Hugh Wight, M.D.Aberd., L.F.P.S.Glasg., reappointed Medical Officer of Health to the Thorne Rural Sanitary Authority.

ARKWRIGHT, J. A., M.R.C.S., L.R.C.P., appointed House-Physician to the Victoria Hospital for Sick Children, Chelsea, *vice* W. W. Ord, M.B., resigned.

ARMITAGE, J. Auriol, M.D.Edin., C.M., B.A.Camb., elected an Honorary Gynaecologist to the Wolverhampton and Staffordshire General Hospital.

BARRETT, J. W., M.R.C.S.Eng., L.S.A., reappointed Medical Officer to the Workhouse, Kings Lynn Union, for three years.

BAXTER, R. H., L.R.C.S.I., L.A.H.Dub., appointed Surgeon to the Bristol Cotton Works, *vice* E. H. Warner, M.D., resigned.

BOWHAY, A., L.R.C.P.Lond., M.R.C.S.Eng., L.S.A., appointed Medical Officer for the Calstock District, Tavistock Union.

COCKEY, Edmund Percival, M.R.C.S.Eng., M.B.Lond., M.D., appointed Medical Officer to the 8th District, Chelmsford Union.

DUKE, A. F., M.R.C.S., L.R.C.P., appointed House-Surgeon to the Cheltenham General Hospital, *vice* E. J. Tatham, M.R.C.S., M.B.Camb., resigned.

EDMONDS, George, M.R.C.S.Eng., L.R.C.P.Lond., appointed Assistant House-Surgeon to the Derbyshire General Infirmary, *vice* Wm. Kirkpatrick, M.D., resigned.

GRINFIELD-COXWELL, John E., L.K.Q.C.P.Irel., M.R.C.S.Eng., appointed Medical Officer to the Worthing Post Office.

HUMPHREY, Charles Beyer, L.R.C.P., L.R.C.S., and L.M.Edin., etc., appointed Medical Officer to the 7th District (Horsmonden), Tonbridge Union.

KEMPE, Arthur, M.D.Bru., M.R.C.P., appointed Medical Officer of Health to the Budleigh Salterton Local Board.

LAIRD, Thomas, M.B., Mast.Surg.Glasg., appointed Medical Officer to the Southill Upper District, Dewsbury Union.

LARKIN, F. Charles, F.R.C.S.Eng., elected Assistant Surgeon to the Stanley Hospital, Liverpool, *vice* Arthur H. Wilson, M.R.C.S.Eng.

LATHAM, George, L.R.C.S. and L.R.C.P.Edin., appointed Assistant Surgeon to the West Bromwich District Hospital.

MAYLARD, A. Ernest, B.S., M.B.Lond., appointed Senior Visiting Surgeon to the New Victoria Infirmary, Glasgow.

MORTIMER, J. D. E., F.R.C.S., appointed Surgical Registrar to the Hospital for Sick Children, Great Ormond Street, *vice* R. C. Priestley, M.A., M.B., resigned.

MULL, William, M.D.Aberd., C.M., reappointed Medical Officer for the Kirkby-Moorside Rural District.

NEWMAN, Horace Townsend, A.B., M.B., M.D.Dub., L.R.C.S., etc., appointed Medical Officer and Public Vaccinator for the Audlem District, Nantwich Union.

REVELL, G. T., M.R.C.S.Eng., L.R.C.P.Edin., appointed Medical Officer of Health to the Buckland Monachorum District, Tavistock Union.

RISDON, G. Owen, L.R.C.P.Lond., M.R.C.S.Eng., L.S.A., appointed Medical Officer and Public Vaccinator to the Second District, Wells Union.

SCHACHT, F. F., B.A., M.B., appointed Physician to the Chelsea Hospital for Women, Fulham Road, *vice* J. Mackern, B.A., M.D.

SEQUEIRA, H. J., M.R.C.S., L.S.A., appointed Medical Officer of No. 3 District of the City of London Union.

SYKES, William, L.R.C.P.Edin., L.M., M.R.C.S.Eng., reappointed Medical Officer of Health to the Mexborough Urban Sanitary Authority.

TURNER, Frederick, M.R.C.S.Eng., L.S.A., reappointed Medical Officer of Health to the Buxton Urban Sanitary District.

WILSON, Thomas, M.D.Lond., B.S., M.R.C.S.Eng., elected an Honorary Gynaecologist to the Wolverhampton and Staffordshire General Hospital.

WOLVERSON, Thomas, L.R.C.P.Edin., M.R.C.S.Eng., appointed Medical Officer for the No. 2 District, Wolverhampton Union.

YOUNG, C. W. F., M.D.Lond., appointed House-Surgeon to the Victoria Hospital for Sick Children, Chelsea, *vice* W. H. C. Staveley, M.R.C.S., resigned.

DIARY FOR NEXT WEEK.

MONDAY.

MEDICAL SOCIETY OF LONDON, 8.30 P.M.—Mr. Edmund Owen: The Lettsomian Lectures: On Subjects in connection with the Surgery of Infancy and Childhood. Lecture II.

LONDON POST-GRADUATE COURSE, Royal London Ophthalmic Hospital, Moorfields, 1 P.M.—Mr. R. Marcus Gunn: On External Diseases of the Eye. Hospital for Sick Children, Great Ormond Street, W., 4 P.M.—Mr. Edmund Owen: On the Early Recognition and Treatment of Spinal Disease.

TUESDAY.

PATHOLOGICAL SOCIETY OF LONDON, 20, Hanover Square, 8.30 P.M.—Mr. James Berry: Thirty-three Specimens Illustrating Diseases of the Thyroid Gland, together with a collection of Photographs and Casts. Dr. Samuel West: Cases of Suppurative Peritonitis with Pus in the Portal Vein. Dr. Delépine: *Sable Intestinal*. Mr. Lockwood: Retroperitoneal Hernia. Dr. D'Arcy Power: Ruptured Spleen; Repair of Kidney after Rupture. Mr. Solly: Myxofibroma of Pelvis. Card Specimen:—Mr. Bidwell: Polypus from Trachea of Dog.

LONDON POST-GRADUATE COURSE, Hospital for Diseases of the Skin, Blackfriars, 4 P.M.—Mr. Jonathan Hutchinson: On Eczema and its Varieties.

WEDNESDAY.

HUNTERIAN SOCIETY, 8 P.M.—Clinical evening.

BRITISH GYNÆCOLOGICAL SOCIETY, Hanover Square, 8.30 P.M.—Mr. Bowreman Jessett: The Surgical Treatment of Uterine Cancer. President's Inaugural Address.

LONDON POST-GRADUATE COURSE, Hospital for Consumption, Brompton, 4 P.M.—Dr. C. Theodore Williams: On the Diagnosis of Tubercular Infection. Royal London Ophthalmic Hospital, Moorfields, 8 P.M.—Mr. A. Quarry Silcock: Ophthalmoscopic Cases.

THURSDAY.

LONDON POST-GRADUATE COURSE, Hospital for the Paralysed and Epileptic, Queen Square, Bloomsbury, 2 P.M.—Dr. C. E. Beevor: On the Anatomy of the Brain with reference to Localisation. Hospital for Sick Children, Great Ormond Street, W., 4 P.M.—Mr. Edmund Owen: On the Later Stages of Spinal Disease.

FRIDAY.

CLINICAL SOCIETY, 20, Hanover Square, 8.30 P.M.—Mr. G. Buckston Browne: Two Rare Cases of Sacculated Vesical Calculi in the Male successfully Removed by Suprapubic Cystotomy. Mr. Twynam (of Sydney): Case of Calculus impacted in the Ureter. Mr. Lockwood: Case of Excision or Erosion of Hip-joint through Anterior Incision and permanent Closure of the Wound. Mr. Butlin: Two Cases of Glandular Tumour of the Tongue.

LONDON POST-GRADUATE COURSE, Hospital for Consumption, Brompton, 4 P.M.—Dr. C. Theodore Williams: On the Diagnosis of Pulmonary Fibrosis.

SATURDAY.

LONDON POST-GRADUATE COURSE, Hospital for Diseases of the Skin, Blackfriars, 2 P.M.—Dr. J. F. Payne: The Diseases known by the name of Lichen.

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. The first post on Thursday mornings is the latest by which advertisements can be received.

BIRTHS.

MANSSELL.—January 13th, at 46, Wellington Square, Hastings, the wife of E. R. Mansell, of a daughter.

MARRIAGE.

MACWATT-BLYTH.—At St. Paul's Church, Umballa, on December 18th, 1889, by the Rev. M. C. Sanders, Robert Charles MacWatt, M.B., Indian Medical Service, to Blanche Mathilde, youngest daughter of the late Lieut.-General F. S. Blyth, C.B.

DEATHS.

GILROY.—At Waterbeck, Ecclefechan, on January 13th, Lizzie, beloved wife of James Gilroy, M.B., aged 29 years.

HOMFRAY.—On January 9th, at 16, Arlington Villas, Clifton, Charles Augustus Homfray, M.R.C.S., J.P. co. Somerset, aged 57 years.

HOURS OF ATTENDANCE AND OPERATION DAYS AT THE LONDON HOSPITALS.

- CANCER, Brompton (Free).** *Hours of Attendance.*—Daily, 2. *Operation Days.*—Tu. S., 2.
- CENTRAL LONDON OPHTHALMIC.** *Operation Days.*—Daily, 2.
- CHARING CROSS.** *Hours of Attendance.*—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 1.30; Skin, M. 1.30; Dental, M. W. F., 9.; Throat and Ear, F., 9.30. *Operation Days.*—M., 3; Th. 2.
- CHELSEA HOSPITAL FOR WOMEN.** *Hours of Attendance.*—Daily, 1.30. *Operation Days.*—M. Th., 2.30.
- EAST LONDON HOSPITAL FOR CHILDREN.** *Operation Day.*—F., 2.
- GREAT NORTHERN CENTRAL.** *Hours of Attendance.*—Medical and Surgical, M. Tu. Wed. Th. F., 2.30; Obstetric, W., 2.30; Eye, Tu. Th., 2.30; Ear, M. F., 2.30; Diseases of the Skin, W., 2.30; Diseases of the Throat, Th., 2.30; Dental Cases, W., 2. *Operation Day.*—W., 2.
- GUY'S.** *Hours of Attendance.*—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, daily, 1.30; Throat, F., 1. *Operation Days.*—(Ophthalmic), M. Th., 1.30; Tu. F., 1.30.
- HOSPITAL FOR WOMEN, Chelsea.** *Hours of Attendance.*—Daily, 10. *Operation Days.*—M. Th., 2.
- KING'S COLLEGE.** *Hours of Attendance.*—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, daily, 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, Tu. Th., 9.30. *Operation Days.*—Tu. F. S., 2.
- LONDON.** *Hours of Attendance.*—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. *Operation Days.*—M. Tu. W. Th. S., 2.
- METROPOLITAN.** *Hours of Attendance.*—Medical and Surgical, daily, 9; Obstetric, W., 2. *Operation Day.*—F., 9.
- MIDDLESEX.** *Hours of Attendance.*—Medical and Surgical, daily, 1.30; Obstetric, M. Th., 1.30; o.p., M. F., 9, W. 1.30; Eye, Tu. F., 9; Ear and Throat, Tu., 9; Skin, Tu., 4, Th. 9.30; Dental, M. W. F., 9.30. *Operation Days.*—W., 1, S., 2; (Obstetric), W., 2.
- NATIONAL ORTHOPÆDIC.** *Hours of Attendance.*—M. Tu. Th. F., 2. *Operation Day.*—W., 10.
- NORTH-WEST LONDON.** *Hours of Attendance.*—Medical and Surgical, daily, 2; Obstetric, W., 2; Eye, W., 9; Skin, Tu., 2; Dental, F., 9. *Operation Day.*—Th., 2.30.
- ROYAL FREE.** *Hours of Attendance.*—Medical and Surgical, daily, 2; Diseases of Women, Tu. S., 9; Eye, M. F., 9; Dental, Th. 9. *Operation Days.*—W. S., 2; (Ophthalmic), M. F., 10.30; (Diseases of Women), S., 9.
- ROYAL LONDON OPHTHALMIC.** *Hours of Attendance.*—Daily, 9. *Operation Days.*—Daily, 10.
- ROYAL ORTHOPÆDIC.** *Hours of Attendance.*—Daily, 1. *Operation Day.*—M. 2.
- ROYAL WESTMINSTER OPHTHALMIC.** *Operation Days.*—M. Th. F., 1.30; Tu. W. S., 2.
- ST. BARTHOLOMEW'S.** *Hours of Attendance.*—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; Orthopedic, M., 2.30; Dental, Tu. F., 9. *Operation Days.*—M. Tu. W. S., 1.30; (Ophthalmic), Tu. Th., 2.
- ST. GEORGE'S.** *Hours of Attendance.*—Medical and Surgical, M. Tu. F. S., 12; Obstetric, Th. 2; o.p., Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopedic, W., 2; Dental, Tu., S., 9. *Operation Days.*—Th., 1; (Ophthalmic), F., 1.15.
- ST. MARK'S.** *Hours of Attendance.*—Fistula and Diseases of Rectum, males, W., 8.45; females, Th., 8.45. *Operation Days.*—M., 2, Tu. 2.30.
- ST. MARY'S.** *Hours of Attendance.*—Medical and Surgical, daily, 1.45, o.p., 1.30; Obstetric, Tu. F., 1.45; Eye, Tu. F. S., 9; Ear, M. Th., 3; Orthopedic, W., 10; Throat, Tu. F., 1.30; Skin, M. Th., 9.30; Electrotherapeutics, Tu. F., 2; Dental, W. S., 9.30; Consultations, M., 2.30. *Operation Days.*—Tu., 1.30; (Orthopedic), W., 11; (Ophthalmic), F., 9.
- ST. PETER'S.** *Hours of Attendance.*—M., 2 and 5, Tu., 2, W., 2.30 and 5, Th., 2, F. (Women and Children), 2, S., 3.30. *Operation Day.*—W. 2.30.
- ST. THOMAS'S.** *Hours of Attendance.*—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. *Operation Days.*—W. S., 1.30; (Ophthalmic), Tu., 4, F., 2.
- SAMARITAN FREE FOR WOMEN AND CHILDREN.** *Hours of Attendance.*—Daily, 1.30. *Operation Day.*—W., 2.30.
- THROAT, Golden Square.** *Hours of Attendance.*—Daily, 1.30; Tu. and F., 6.30. *Operation Day.*—Th., 2.
- UNIVERSITY COLLEGE.** *Hours of Attendance.*—Medical and Surgical, daily, 1.30; Obstetrics, M. W. F., 1.30; Eye, M. Th., 2; Ear, M. Th., 9; Skin, W., 1.45, S., 9.15; Throat, M. Th., 9; Dental, W., 9.30. *Operation Days.*—W. Th., 1.30; S., 2.
- WEST LONDON.** *Hours of Attendance.*—Medical and Surgical, daily, 2; Dental, Tu. F., 9.30; Eye, Tu. Th. S., 2; Ear, Tu., 10; Orthopedic, W., 2; Diseases of Women, W. S., 2; Electric, Tu., 10, F., 4; Skin, F., 2; Throat and Nose, S., 10. *Operation Days.*—Tu. F., 2.30.
- WESTMINSTER.** *Hours of Attendance.*—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. *Operation Days.*—Tu. W., 2.

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS FOR THE CURRENT WEEK'S JOURNAL SHOULD REACH THE OFFICE NOT LATER THAN MIDDAY POST ON WEDNESDAY. TELEGRAMS CAN BE RECEIVED ON THURSDAY MORNING.

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, answers, and communications relating to subjects to which special departments of the JOURNAL are devoted, will be found under their respective headings.

ANSWERS.

T. DE V. asks where a leper in an advanced stage could be received as a gratuitous patient.

. So far as we can ascertain there is no asylum for lepers in this country, and the patient could only be taken into a hospital in the ordinary way, or sent to one of the Poor-law infirmaries in the same way that two lepers were sent the other day to the Whitechapel Infirmary. Our correspondent might do well to communicate with Sir Somers Vine, the Honorary Secretary of the Leprosy Fund Committee, Adam Street, Adelphi.

R. G. E. should write, stating the facts, to the Dean of the Medical Faculty of Paris (M. le Doyen de la Faculté de Médecine de Paris).

M.B.—The question is too vaguely expressed. A printed document containing particulars of the colonial medical services can be obtained on application to the Colonial Office.

EXCISION OF MECKEL'S GANGLION.

F.R.C.S. asks for a description of the operation for the removal of Meckel's ganglion as recently performed in France for the cure of facial neuralgia.

. Our correspondent will find a full description of the different operations for removal of Meckel's ganglion in the sixty-seventh volume of the *Transactions of the Royal Medical and Chirurgical Society*, which contains at page 145 a paper on this subject, with cases, by Dr. T. Chavasse, of Birmingham. Mr. Clutton has also published an article on the same subject in the fifteenth volume of the *St. Thomas's Hospital Reports*. Mr. Jacobson, in his work on *Operative Surgery*, has also given a clear description of the many operations that have been devised from time to time for attacking the ganglion, and for dividing the second division of the fifth nerve in the sphenomaxillary fissure. There are two chief methods, and each of the other procedures is simply a modification of one or other of these. One of these methods was devised and carried into practice by Carnochan, of New York, in 1856. In this the surgeon starts from the front of the face, and works backwards through the antrum, taking the nerve as a guide. In the second, which has been practised for the most part by German surgeons, and which is known as the Lössen-Braun method, the sphenomaxillary fossa and Meckel's ganglion are approached from the side of the head by dividing the zygomatic arch and turning it backwards, together with the maseeter. In removal of Meckel's ganglion for the cure or relief of severe and obstinate neuralgia, Carnochan's method is that usually performed in this country and the United States. Carnochan made a V-shaped incision in the soft parts of the face, and then divided the soft parts from the apex of the V to the angle of the mouth. At the French Congress of Surgery held in Paris in October last, Dr. Paul Segond advocated the German method, and related two cases in which he had successfully performed the Lössen-Braun operation with some slight modifications. The following is a modified form of Carnochan's operation described by Mr. Bowlby in *Heath's Dictionary*, vol. ii, p. 73:—

"A crucial incision is made in the cheek, with its centre opposite to the infra-orbital canal. Bleeding having been checked, a portion of the anterior wall of the antrum is removed with a half-inch trephine. A stout bristle, piece of quill, or a slender probe is then passed as a guide along the infra-orbital canal, and the floor of the latter is carefully cut away from below with bone scissors, until the posterior wall of the antrum is reached. During this part of the operation, great care must be taken to avoid injuring the infra-

each dose is absorbed before the next one is taken, and very little, if any, will ever reach the duodenum to be acted on by the trypsin in the way Dr. Martin has described.

THE ADMINISTRATION OF CERTAIN DRUGS BY ELECTRICITY.

DR. ARTHUR HARRIES (Pall Mall) writes: In your report of Dr. Cagney's paper on this subject, read on November 7th at the Harveian Society, there are certain statements which are so much at variance with my experience, both in the experimental and therapeutic applications of the cataphoric method, that I feel sure it must include some unintentional errors.

From a fair number of observations with various drugs, I have arrived at the conclusion that electrodes of suitable metal padded with several layers of flannel, are best for working purposes. The positive electrode should correspond in size and shape to the area which it is desired to influence, while the negative electrode should preferably though not essentially be larger. The solution of the drug need not be used at both poles, for reasons which appear in the course of this letter, but it is absolutely necessary that the solution in question should saturate the positive electrode, not the negative as stated in the report. The reasons for this, as I stated to my class in a lecture on the physiological action of the continuous current, delivered on December 5th,¹ are:

a. The direction of mechanical transference of fluids by cataphoresis is always that of the current, namely, from positive to negative.

b. Repeated experiments with a 10 per cent. solution of hydrochlorate of cocaine have distinctly shown that the region covered by the negative electrode, so far from being anaesthetised by the drug, is actually rendered much more sensitive to pain than before the application, while the area covered by the positive electrode becomes insensitive to the passage and action of a needle used to electrify hair.

The time mentioned in the report, ten to fifteen minutes, was not long enough to give the tests for iodide of potassium in the urine when that salt was used, neither was that period anything like long enough to produce anaesthesia of the skin when cocaine was employed. The report states that the current should be reversed every minute. May I ask why? Possible polarisation does not necessitate these reversals, for as long as a galvanometer in circuit gives evidence of sufficient current strength, that element, polarisation, is negligible. Further, the results referred to under note b, show very clearly that reversals, so far from being of service, actually interfere with the conditions necessary for efficient cataphoresis.

After what I have stated, it is manifest that if a needle be used at all, it must not be in connection with the positive pole, as the report states, but with the negative pole. The chief advantage of such a method is, of course, the reduction of resistance, but there are strong reasons against its employment; chief among these are:

1. Pain. 2. Electrolytic action. 3. The ease with which less painful methods can be used. It would take up too much of your space to discuss these points further at present, but I hope shortly to record a somewhat extensive series of observations, made in conjunction with Mr. Newman Lawrence, not only experimentally but therapeutically, upon which we have for some time been engaged.

I may be permitted perhaps, with reference to the President's remarks, to say that we found a current strength of 10 to 15 milliampères applied for thirty minutes, by means of the pads described above, quite sufficient to pass iodide of potassium into the kidneys in quantity large enough to give distinct chemical tests in the urine. And, for the reasons stated, polarisation is decidedly not desirable when we wish to employ cataphoric medication, which by the way, as far as the iodide of potassium is concerned, is not by any means a new process.

I agree that cataphoric medication has a great future, but I trust, sincerely that its near future may be based only on careful observations and accurately ascertained data.

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

Mr. R. M. Beachcroft, London; Surgeon I.M.S.; Dr. V. Sinclair, London; Dr. Steele, Baling; Physician and Surgeon; Dr. R. Stockman, Edinburgh; Professor H. Krause, Berlin; Dr. W. Blair, Jedburgh; Mr. C. W. S. Barrett, Hinchley; Dr. D. H. Barley, Leeds; Mr. J. Poland, London; Mr. W. C. Finch, Salisbury; Dr. E. M. Skerritt, Clifton; Lieutenant-Colonel J. N. Dean, Ardwick; Mr. F. C. Larkin, Liverpool; Dr. W. McGowan, Maghera; Our Liverpool Correspondent; Dr. Halliburton, London; Mr. F. Churchill, London; Dr. Ward Cousins, Southsea; Mr. Adams Frost, London; Mr. Towers-Smith, London; Dr. J. B. Haycraft, Edinburgh; Dr. C. R. Illingworth, Accrington; Dr. J. Rouvier, Bayreuth; Dr. W. Collier, Oxford; Mr. T. Holmes, London; Dr. W. Sykes, Mexborough; Dr. R. Saundby, Birmingham; Dr. T. H. Bickerton, Liverpool; Dr. J. Wilding, Bristol; Clarke's Wafer Co., London; Messrs. J. Wright and Co., Bristol; Dr. C. R. Drysdale, London; Mr. A. Cooper, London; Dr. J. Brown, Bacup; Dr. G. J. H. Evatt, Quetta; Dr. A. D. Macdonald, Liverpool; Dr. J. Adams, Eastbourne; Mr. J. McElfatrick, Kilrea; Dr. D. Buxton, London; Dr. C. B. Taylor, Nottingham; Mr. J. A. Sharp, Derby; Surg. F. G. P. Lewis, Cork Harbour; Dr. T. C. Raiton, Manchester; Mr. J. Whitehouse, Sunderland; Surgeon-Major J. C. H. Peacocke, Karachi; Mr. A. T. Nisbet, Newton Abbot; Mr. H. Smith, Northampton; Dr. G. Thin, London; Messrs. Hazell, Watson, and Viney, London; Dr. Leslie Phillips, Birmingham; Mr. N. Stevenson, London; Dr. W. J. Cummins, Cork; Dr. Myers, London; Dr. Rentoul, Liverpool; Mr. Johnson Smith, London; Sir Spencer Wells, London; Mr. G. Fischer, Jena; Surgeon E. J. E. Risk, Gravesend; Dr. H. Handford, Nottingham; The Secretary of the Epidemiological Society of London; Dr. R. Jones, Redhill; C. S. Evans, M.B., Shaftesbury; Mr. W. Jones, Liverpool; Mr. T. Blair, Leeds; Dr. H. Woods, London; Mr. R. G. Ellis, Shipley; Mr. J. Barker, Shorne; Dr. Henry Tomkins, Leicester; Common Sense;

5th Lecture of Course on Elementary Electro-physiology and Therapeutics, at The Institute of Medical Electricity, 24A, Regent Street.

Mr. M. H. Bleakley, Birkenhead; Mr. G. Smith, London; Dr. F. Beach, Dartford; Dr. P. M. Deas, Exeter; Mrs. T. Green, Bordighera; Mr. S. Clogg, Looe; Dr. F. E. Clarke, Boyle; Dr. R. R. Davidson, Cork; Mrs. Sansom, St. Denys; Dr. A. D. Keith, Aboyné; Mr. E. E. Moore, Downpatrick; Dr. A. Robertson, Glasgow; Dr. F. W. L. Hodder, Grouville; Mr. H. A. Lawton, Poole; Mr. B. Hollander, London; Sir Thomas Longmore, C.B., Woolston; Dr. R. Fegan, Blackheath; Mr. G. C. Jack, London; Dr. Lowe, London; Mr. C. W. Harris, London; Mr. J. B. Martin, Ventnor; Mr. W. Bernard, Londonderry; Surgeon-Major R. Vacy-Ash, Brighton; R. Kirkpatrick, M.B., Edinburgh; Dr. H. Corby, Cork; Mr. J. E. Bennett, Liverpool; Our Newcastle-on-Tyne Correspondent; M.B., C.M.; Dr. A. Ashby, Reading; Dr. Williams, Dolgelly; The Secretary of the Hospitals Association, London; F.R.C.P.; Dr. G. Revington, Manchester; Dr. E. Symes Thompson, London; Mr. R. C. Harrison, Ealing; Mr. H. Quilter, London; Mr. C. J. Evans, Northampton; Dr. Alder Smith, London; Dr. T. P. Gostling, Worcester; Dr. F. C. Turner, London; J. W. Eustace, M.B., Dublin; J. Altham, M.B., Penrith; Mr. G. P. Atkinson, Pontefract; Mr. F. Marsh, Birmingham; Mr. H. Wickham, Rufford; Dr. Thorne Thorne, London; M.D. Lond. Honours; Dr. Cardew, Cheltenham; Mr. E. Cresswell Baber, Brighton; Dr. W. A. Carline, Lincoln; Our Manchester Correspondent; T. Bell, M.B., Worcester; Dr. R. T. Smith, London; Dr. W. M. Harman, Winchester; Dr. D. MacRitchie, Huntingdon; Dr. Willoughby, London; Mr. L. A. Barrow, Aston; Dr. T. W. Hime, Bradford; Mr. A. H. Benson, Dublin; Mr. A. Whyte, Brecon; Mr. G. Cadogan, Masterman, Stourport; Dr. A. H. Hassall, San Remo; Dr. G. Sims Woodhead, Edinburgh; Dr. J. Davies, Maesteg; A. Middlesbrough Practitioner; G. P. O.; Mr. G. A. Johnston, Ambleside; Mr. C. P. Hemmings, Bishop's Waltham; Alpha; Fleet-Surgeon M. F. Ryan, Devonport; Mr. P. J. O'Donnell, Cadoxton; Mr. R. H. Baxter, Bristol; Dr. G. W. Crowe, Worcester; A. E. Maylard, M.B., Glasgow; Mr. J. Hutchinson, London; Mr. W. H. Haley, Wakefield; Dr. Balding, Royston; A Member, Mr. G. S. Johnson, London; F. M. Pope, M.B., Leicester; Dr. H. Campbell Pope, London; Mr. Henry Smith, Northampton; Dr. T. Churton, Leeds; Dr. I. Burney Yeo, London; Dr. A. Sheen, Cardiff; Mr. C. A. Senn, London; Mr. M. C. Rimmer, London; J. Edgar, M.B., Glasgow; etc.

TO CORRESPONDENTS.

OUR correspondents are reminded that prolixity is a great bar to publication, and, with the constant pressure upon every department of the JOURNAL, brevity of style and conciseness of statement greatly facilitate early insertion. We are compelled to return or hold over a great number of communications chiefly by reason of their unnecessary length.

BOOKS, ETC., RECEIVED.

Geographical Mechanism. By J. Spottiswoode Cameron, C.B.E. London and Manchester: John Heywood.

Practical Guide to the Demonstration of Bacteria in Animal Tissues. By Dr. H. Kuhne, Wiesbaden. Translated and edited by Vincent Dörner Harris, M.D. London: Baillière, Tindall, and Cox. 1890.

The Year Book of Treatment for 1890. London: Cassell and Co. 1890.

The Science of Metrology, or Natural Weights and Measures. By the Hon. E. Noel. London: Edward Stanford. 1889.

A German-English Dictionary of Medical Terms. By Frederick Treves, F.R.C.S. Eng., and Hugo Lang, B.A. London: J. and A. Churchill. 1890.

SCALE OF CHARGES FOR ADVERTISEMENTS IN THE "BRITISH MEDICAL JOURNAL."

Seven lines and under	...	...	...	£0	3	6
Each additional line	...	...	...	...	0	4
A whole column	...	...	...	...	1	15
A page	...	...	...	...	5	0

An average line contains seven words.

When a series of insertions of the same advertisement is ordered, a discount is made on the above scale in the following proportions, beyond which no reduction can be allowed.

For 6 insertions, a deduction of	...	...	10 per cent.
" 12 or 13 "	"	"	20 "
" 26 "	"	"	25 "
" 52 "	"	"	30 "

Special terms for occasional change of copy during series:

20 per cent. if not less than 26 pages be taken	...	...	or their equivalent
25	52	"	in half or
30	104	"	quarter pages.

For these terms the series must, in each case, be completed within twelve months from the date of first insertion.

Advertisements should be delivered, addressed to the Manager at the Office, not later than noon on the Wednesday preceding publication; and, if not paid for at the time, should be accompanied by a reference.

Post-Office Orders should be made payable to the British Medical Association at the West Central Post-Office, High Holborn. Small amounts may be paid in postage-stamps.

NOTICE.—Advertisers are requested to observe that it is contrary to the Postal Regulations to receive at Post-Offices letters addressed to initials only.