

Counties Branch) said he had, after long and careful consideration, come to the conclusion that something ought to be done in the matter. Formerly he had inclined to the system of payment, but now he had changed his views in favour of the system of inquiry adopted at the London Hospital. This distaste of the payment system he had found to be prevalent among the practitioners in the neighbourhood of hospitals. In answer to the president's question as to the proportion of underserving applicants, he had made no particular inquiries, but he had been told that it was in reality very small. He mentioned that one drawback of the inquiry system was to involve an expense of from £250 per annum upwards.

The PRESIDENT called attention to the expression of opinion on the part of medical men that the out-patient system was both useful and necessary, if only conducted on proper lines.

Dr. GILBERT SMITH insisted on the importance of the fact that men like Dr. Henty, who had approached the question prejudiced in favour of the payment system, had ultimately come over to the system of inquiry. He believed that the provident dispensary system could not answer; partly owing to intrinsic difficulties, and partly to want of sufficient funds. He had considerable experience of the payment system, and could affirm that it led to open and palpable abuse. In fact, they had come to the same conclusion as to the preference to be accorded to the method in vogue at the London Hospital. This system, however, should be universal if it were to do any real good.

Mr. NIXON (House-Governor of the London Hospital) said that the result of this system had been eminently successful in warding off a great number of patients—about 50 per cent.—especially in the special departments. It was conducted with great tact and management, but he thought many would-be applicants abstained from coming in consequence of the inquiries likely to be made as to their circumstances, and this all the more so as the inquiries were fully carried out. He did not think that the £2 limit of income could always be accepted as a criterion. While he approved of the system of allowing patients to be admitted on the payment of a certain sum where their circumstances were such as to require it, it was not practicable at the London Hospital, where all the beds were full. In answer to a question, he said that the system had been in practice for two years, prior to which no attempt was made to discriminate.

Mr. TIMOTHY HOLMES thought that something ought to be done to prevent the waste of time that resulted from the number of trivial cases which occupied the time and attention of the medical officers. He was of opinion that the great question was rather in the nature of the case than in the circumstances of the individual, and that only medical authorities were competent to decide that point. He expressed his disapprobation of the payment system, which he considered derogatory to the profession, and to the institution which allowed it; and he questioned the legality of such a proceeding.

Mr. BUNN (Secretary of the Metropolitan Provident Dispensary Association) said that, from his experience of the labouring classes, he thought nothing was more likely to deter them from applying for medical relief than the inquisitorial system so much spoken of. He wished to ask whether, as a matter of fact, a great many of the patients were not seen by assistants.

The CHAIRMAN warmly condemned the insinuation that the medical staff of hospitals were in the habit of leaving their work to subordinates.

Mr. CARR GOMM (of the London Hospital House-Committee) said that patients were never sent away until they had been seen by the medical officer.

Major ROSS (of the Middlesex Hospital) said that the payment system was inadmissible at his hospital under its constitution. What they did was to issue general letters to the subscribers, not specifying whether the patient was to be treated in or out of the hospital.

Mr. BURDETT, alluding to Dr. Heslop, of Birmingham, as the originator of the payment system, said that he had had reason to see that it was a failure, inasmuch as, far from decreasing the number of patients, it only increased it.

After a vote of thanks to the Chairman, etc., the meeting ended.

**THE DEATH-RATE IN THE CITY.**—At a meeting of the Commissioners of Sewers recently, the medical officer reported that the births in the City during the past week had been 14, and the deaths 5. The births were at the rate of 14.15 per 1,000, and the death-rate 5.05 per 1,000. He called attention to the remarkably low death-rate, which he believed to be the lowest on record. As showing, however, the fickleness of the same in the City, he mentioned that, in the corresponding week of last year, the deaths were at the rate of 27.29 per 1,000.

## ASSOCIATION INTELLIGENCE.

### NOTICE OF QUARTERLY MEETINGS FOR 1886. ELECTION OF MEMBERS.

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

Meetings of the Council will be held on April 14th, July 14th, and October 20th, 1886. 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 25th, June 24th, and September 30th, 1886.

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.

INQUIRIES are in progress on the subjects of

DIPHTHERIA, ACUTE RHEUMATISM,  
OLD AGE, CANCER OF THE BREAST.

Memoranda on the above, and forms for recording individual cases, may be had on application.

It is requested that returns on Acute Rheumatism be sent in as early a date as possible, as the printing of the Tables is in progress.

The greater part of the "Old Age" form may be filled in by a non-medical person, if necessary.

**THE ETIOLOGY OF PHTHISIS.**—Continuation of inquiry. The Committee will be glad to receive the names of gentlemen willing to engage in joint investigation of any of the following points in relation to the origin of cases of Phthisis;—(a) The influence of residence and occupation; (b) the previous state of the patients' thoracic organs and general health; (c) heredity and communication. Full particulars will be sent on application.

**THE CONNECTION OF DISEASE WITH HABITS OF INTEMPERANCE.**—Additional replies are earnestly requested on the schedule issued with the JOURNAL of May 8th, 1885. Copies of the schedule may be had at once on application.

**PROGNOSIS IN HEART-VALVE DISEASE**, based on an examination of cases in which the lesion has existed for an unusual length of time without producing serious symptoms; **THE EXTREME DURATION OF INFECTIOUSNESS IN INFECTIOUS DISEASES.** The Committee has proposed these two subjects for future inquiry, and has referred them to the Branches of the Association, in accordance with its regulations, with a view to preliminary discussion during the present year. Arrangements have also been entered into with the Section of Medicine of the Annual Meeting of 1886 to hold a discussion upon "Cases in which Disease of the Heart-Valves has been known to exist for upwards of five years without causing serious symptoms;" and with the Section of Public Health to hold a discussion on "The Duration of Infectiousness." The inquiry-papers, to be subsequently issued, will be based upon the information afforded in these Branch and general discussions.

*Application for forms, memoranda, or further information, may be made to any of the Honorary Local Secretaries, or to the Secretary of the Collective Investigation Committee, 161a, Strand, W.C.*

\* \* The COMMITTEE earnestly requests EARLY replies to the International Inquiry paper on the Geographical Distribution of certain diseases, at present being circulated in the Branches of the Association.

### BRANCH MEETINGS TO BE HELD.

**SOUTH INDIAN BRANCH.**—Meetings are held in the Medical College, Madras, on the first Friday in the month, at 4.30 P.M. Gentlemen desirous of reading papers or exhibiting specimens are requested to communicate with the Honorary Secretary.—J. MAITLAND, M.B., Honorary Secretary, Madras.

**METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.**—The next meeting will be held, by the kind invitation of Dr. Adams, at Brooke House, Upper Clapton, on Thursday, February 18th, at 8.30 P.M., when Dr. Stephen Mackenzie will demonstrate a number of patients suffering from various forms of skin-diseases.—J. W. HUNT, Honorary Secretary, 101, Queen's Road, Dalston.

Mr. Page married, in 1844, the daughter of Mr. William Nanson, town clerk of Carlisle, by whom he had four sons and four daughters, all of whom, as well as Mrs. Page, survive him. Three of his sons are settled in London, and one of them, Mr. Herbert W. Page, is Assistant-Surgeon to St. Mary's Hospital. In early life, Mr. Page communicated to the *Medico-Chirurgical Transactions*, 1848, a paper on the Treatment of Ununited Fracture; and, two years afterwards, one on Excision of the Os Calcis; he also made several communications to the medical journals.

#### DAVID GORDON, M.D., L.R.C.S.

ANOTHER of the old Edinburgh practitioners, Dr. David Gordon, has died this week, aged seventy. He was born in Nova Scotia, and passed his boyhood there. He came to Edinburgh fully half a century ago, and studied medicine in Edinburgh, graduating M.D. there in 1841, and in the same year also taking the L.R.C.S.E. During the last forty-five years he engaged in general practice in Edinburgh, and was very successful, the conscientious discharge of his duties and the marked benevolence of his nature rendering him a favourite with all who came under his care, while in the Wesleyan church to which he belonged he was highly respected for the unostentatious zeal with which he worked in church matters.

## MEDICO-PARLIAMENTARY.

HOUSE OF COMMONS.—Friday, January 22nd, 1886.

THE following Bills were brought in and read a first time.—Mr. CONWAY—Bill to regulate the importation, manufacture, and sale of butter substitutes.—Baron DIMSDALE: Bill for the better securing of purity in beer.—Mr. J. STUART: Bill to repeal the Contagious Diseases Acts, 1866 and 1869.—Mr. DODDS: Bill to amend the Public Health Acts in relation to private improvement expenses.—Sir J. LUBBOCK: Bill to limit the hours of labour of children and young persons in shops.—Mr. QUILTER: Bill for better securing the purity of beer.—Mr. DIXON HARTLAND: Bill for better sanitation of houses in the metropolis.

Monday, January 25th.

*Overhead-Wires.*—Lord J. MANNERS, replying to Sir H. TYLER, was understood to say that his attention had been called to the failure of overhead telegraph and telephone wires during the recent snow-storm. He was happy to say that no case of fatal accident to human beings had been caused by wires belonging to the Post-Office. The overhead telephone-wires did not belong to the Post-Office, and the department had no means of furnishing a return of the failures and accidents which the hon. member asked for. The policy of the Post-Office for many years had been in the direction of substituting underground for overhead wires, wherever the expense could be justified.

Mr. W. CORBET's Bill to alter and amend the law relating to private lunatic asylums in Ireland, and to make other and more suitable provision for paying patients, was read a first time.

*Notices of Motion.*—The following notices have been given: Mr. CHARLES RUSSELL: To call attention to the operation of the Rivers Pollution Prevention Act, 1876, and the defects therein, with reference especially to the dangerous condition of the River Lea; and to move for the appointment of a Select Committee of this House to inquire into and report thereon, with the view of amending the law and devising a remedy.—Mr. HENRY J. WILSON: To call attention to the Contagious Diseases Acts, 1866 and 1869; and to move that, in the opinion of this House, the Contagious Diseases Acts of 1866 and 1869 ought to be repealed.

## UNIVERSITY INTELLIGENCE.

OWENS COLLEGE, VICTORIA UNIVERSITY, MANCHESTER.

*APPOINTMENTS.*—The following appointments have recently been made: to the Brackenbury Professorship of Physiology, William Stirling, M.D., D.Sc. Regius Professor of the Institutes of Medicine in the University of Aberdeen; to the Lectureship in Medical Jurisprudence, John Dixon Mann, M.D., M.R.C.P.

## ROYAL COLLEGE OF PHYSICIANS OF LONDON.

THE ordinary meeting of the College was held on Thursday, January 28th; Sir W. Jenner, K.C.B., in the chair.

The following gentlemen were admitted to the Membership: Oswald A. Browne, M.B. Cantab.; James Limont, M.B. Edin.; Joseph M. Prendergast, M.D. Dublin.

The Licence of the College was granted to eighty-six gentlemen, who had passed the required examinations.

The Registrar announced that the late Dr. Milroy had bequeathed to the College the sum of £2,000, to found a lectureship in Public Medicine; also books and documents of value.

Dr. P. W. Latham, Dr. Playfair, Dr. Ringer, and Sir J. Fayrer were elected Councillors. Dr. Stone and Dr. Duckworth were appointed Examiners for the Murchison Scholarship.

The President announced that Dr. Pavy has consented to deliver the Harveian Oration; and that the Bradshaw Lecturer will be Dr. Dreschfeld, of Manchester.

The Examiners' annual report and the quarterly report of the Finance Committee were received and adopted. A report was also received from the Building Committee, which stated that no time had been lost in commencing the works at the site of the new Conjoint Examination Hall on the Thames Embankment. Six tenders for the contract had been received, and the lowest tender—that of Messrs. Higgs and Hill—had been chosen. The foundations had been entirely excavated, and much of the basement brickwork executed. The subsoil having been found to be river-mud, it had proved necessary to carry the foundations down to the gravel, twenty feet below the surface. During the excavations, part of the old river-wall of the Savoy Palace had been found, also some ornamental tiles and pottery, which had been claimed by the Duchy of Lancaster. The Committee proposed that there should be some public ceremonial at the formal laying of the first stone of the new Hall. This proposal met with the approval of the College.

## MEDICAL NEWS.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—The following gentlemen, having undergone the necessary examinations for the diploma, were admitted Members of the College at a meeting of the Court of Examiners on January 20th.

J. S. Hill, L.R.C.P. Lond., Mecklenburgh Square, and G. T. Bates, L.S.A., Bredwardine, students of University College; R. J. G. Cottell, L.R.C.P.L., Cheyne Row, of St. George's Hospital; P. C. C. Billups, L.R.C.P.L., East Dulwich, of Guy's Hospital; J. A. Riggs, L.S.A., Greys, Essex, A. Lyndon, L.S.A., South Hampstead, H. C. Orway, L.R.C.P.L., Kennington Park Road, and J. Girvin, Mecklenburgh Square, of St. Bartholomew's Hospital; E. C. Freeman, L.R.C.P.L., St. George's Square, of St. Thomas's Hospital; B. Volekman, L.S.A., Stapleford, Notts, and J. Thomas, L.R.C.P.L., St. Peter's Street, of the London Hospital; V. G. Thorpe, L.S.A., Camberwell, and H. B. Cavell, L.S.A., Brook Street, of King's College; M. Hughes, Croydon, of Westminster Hospital; A. T. G. Watts, L.S.A., Buckingham Palace Road, of Cambridge and St. George's Hospital; L. Roberts, L.S.A., Bishopshayford, of St. Mary's Hospital.

Seven candidates were approved in Surgery, and, when qualified in Medicine and Midwifery, will be admitted Members; one candidate was referred for three months, and five for six months.

The following gentlemen, having undergone the necessary examinations for the diploma, were admitted Members of the College at a meeting of the Court of Examiners on January 21st.

A. G. M. Creagh, L.S.A., Ballinrollin, and P. W. Fraser, Wolverhampton, of University College; L. J. Pisani, L.S.A., Upper Norwood, of Charing Cross Hospital; O. C. P. Evans, L.R.C.P.L., Hadlow, Kent, E. M. Hassard, Hoddesdon, F. N. Brown, Chobham, C. Christopherson, L.S.A., Blackheath, and C. W. F. Young, L.S.A., Clapham Common, of St. Bartholomew's Hospital; H. L. Williams, Carnarvon, and F. W. Clark, East Croydon, of Middlesex Hospital; A. W. Robinson, Longleat, of St. George's Hospital; C. J. Ireland, Amwell Road, of Leeds Infirmary; A. Berrill, Oltom, of Birmingham; J. F. Bridgwood, Stafford, of Guy's Hospital; F. S. Hawkins, Bristol, of Bristol Royal Infirmary.

Three candidates were approved in Surgery, and, when qualified in Medicine and Midwifery will be admitted Members. Three candidates were referred for three months, six for six months, and one for twelve months.

The following gentlemen, having undergone the necessary examinations for the diploma, were admitted Members of the College at a meeting of the Court of Examiners on January 22nd.

F. C. Evill, L.R.C.P., Worcester Park, W. H. C. Caudler, L.R.C.P.L., Lee, S.E., G. H. Russell, L.R.C.P.L., Barking Road, F. T. Bennett, L.S.A., Denmark Hill, L. M. Snow, L.R.C.P.L., King Henry's Road, N.W., C. J. Horner Walthamstow, A. Wright, Cape Town, E. V. Brown, Tufnell Park, J. P. Roughton, Kettering, W. J. Wordsworth, Harley Street, of St. Bartholomew's Hospital; F. J. Morgan, L.R.C.P.L., Junction Road, of Westminster Hospital; J. B. Okell, L.R.C.P.L., Chester, of St. Thomas's Hospital; S. R. Hodge, L.R.C.P.L., Hornsey Lane, and H. Fouks, Knowle, Warwick

shire, of the London Hospital; T. H. Williams, L.R.C.P.L., Seymour Street, of Middlesex Hospital; F. S. Le Quesne, L.S.A., Brighton, and A. H. Sturdee, Southsea, of King's College; A. N. Darlington, L.S.A., Birmingham, of the General Hospital, Birmingham; L. Deque, L.R.C.P.L., Derby, of St. Mary's Hospital; G. D. Symes, Dorchester, of St. George's Hospital; L. H. Williams, Clifton, of Bristol Royal Infirmary; C. Pollard, Wadebridge, Cornwall, of Guy's Hospital; J. C. Holderness, Bishops Wilton, Yorks, G. S. Greenwood, Ossett, Yorks, of Leeds General Infirmary.

Six candidates were approved in Surgery, and, when qualified in Medicine and Midwifery, will be admitted Members. Seven were referred for six months, and two for twelve months.

The following gentlemen were admitted Members on January 25th. J. Crisp, L.R.C.P.Lond., Kennington Park Gardens, and F. F. Burghard, Brixton, of Guy's Hospital; R. H. Combes, L.R.C.P.Lond., New South Wales; W. T. Gardner, L.R.C.P.Lond., Hampstead, A. W. B. Warde, Yalding, J. A. Smith, Hull, C. A. Griffiths, Finsbury Park, and R. Gillies Smith, Durham, of St. Bartholomew's Hospital; P. E. Barber, L.R.C.P.Lond., Sheffield, and R. F. Castle, Delamere Crescent, of Cambridge and St. Bartholomew's Hospital; J. Holt, Leeds, of Leeds General Infirmary; S. H. Harrison, Tamworth, of Birmingham General Hospital; J. Birt, Brighton, of St. George's Hospital; J. P. Hubbard, Dudley, of Birmingham General Hospital; J. O. Ward, L.S.A., Crossgate, near Leeds, of Liverpool Royal Infirmary.

Two candidates were approved in Surgery, and, when qualified in Medicine and Midwifery, will be admitted Members. Four were referred for three months, seven for six months, and one for twelve months.

The following gentlemen passed their primary examinations in Anatomy and Physiology at a meeting of the Board of Examiners on January 26th, and, when eligible, will be admitted to the pass-examination.

F. B. Hulke, L.R.C.P.Lond., Deal, student of University College; Kankai Totsuka, L.R.C.P.Lond., Tokio, Japan, and G. Hope, L.R.C.P.Lond., Ventnor, of St. Thomas's Hospital; G. F. W. Evans, West Hammersmith, of King's College; C. Dickinson, Sloane Street, S.W., and A. T. Wood, Melton Hall, Suffolk, of St. George's Hospital; J. R. Williams-Freeman, M.B. Durham, Southampton, of Newcastle and University College; B. M. Bond, L.R.C.P.Lond., Hastings, of St. Bartholomew's Hospital; G. F. Pollard, L.S.A., Falmouth Road, of Guy's Hospital.

Seven candidates were approved in Surgery, and, when qualified in Medicine and Midwifery, will be admitted Members; two were referred for three months, nine for six months, and one for twelve months.

The following gentlemen were admitted Members on January 27th.

H. A. Francis, L.R.C.P.Lond., Lincoln's Inn Fields, student of St. Bartholomew's Hospital; W. H. C. Staveley, L.R.C.P.Lond., St. Stephen's Square, W. J. Staddon, L.R.C.P.Lond., Ipswich, and F. G. Parsons, L.R.C.P.Lond., Lee, S.E., of St. Thomas's Hospital; S. Wachter, L.R.C.P.Lond., and William H. Crosse, L.S.A., Terrington, Norfolk, of Guy's Hospital; E. Evans, M.B. Cantab., Dorchester Place, of St. Mary's Hospital; G. T. Gifford, L.S.A., Winchester, P. R. T. Harris, L.S.A., Amhurst Park, N., and E. P. A. Marriette, L.S.A., St. Stephen's Square, of King's College; F. W. Collingwood, L.R.C.P.Lond., Manor Road, S.E., and C. D. Morris, L.S.A., Philipot Street, of the London Hospital.

Seven candidates were approved in Surgery; one was referred for three months, and eight for six months.

**ROYAL COLLEGES OF PHYSICIANS AND SURGEONS OF EDINBURGH, AND FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW.**—The examinations for the triple qualification of these bodies in Edinburgh were held in January, with the following results. Passed First Examination.

A. C. Evered, Plymouth; R. Aldous, Norfolk; H. Gurney, Hounslow, Middlesex; J. H. Carson, County Down; G. Cormick, Persia; J. A. Oorloff, Badulla, Ceylon; W. E. Thomas, Glamorgan; E. F. Hogan, County Clare; H. G. Tandy, London; C. F. Lovibond, Somersetshire; J. A. Nowell, Lancashire; D. M. Campbell, Ontario; J. Brown, County Donegal; F. T. Anderson, Darjeeling, India; M. C. Billings, Meerut, India; J. F. Challinor, Bolton; J. Cannings, Damerara; C. D. P. de Mello, Goa; F. W. Cattle, Newent, Gloucestershire; D. K. Driffin, County Monaghan; D. E. Edwards, South Wales; W. A. K. Hanna, Bombay; M. C. Hopkins, Meath; P. Gleeson, Tipperary; A. H. Goodwyn, The Curragh; J. Hurley, County Cork; A. Macdonald, Edinburgh; F. Primrose, Nova Scotia; J. Metcalfe, Tongue, N.B.; J. W. Kelly, Queenstown; R. L. Hughes, North Wales; R. Nugent, Calcutta; H. C. Swales, Yorkshire; L. V. Parry, Merionethshire; J. Slatter, Natal; C. H. Sykes, Yorkshire; H. R. H. Peare, Melbourne; H. Smith, Yorkshire; T. Warren, Armagh.

Passed Second Examination.

J. H. Briggs, Yorkshire; J. W. Brooks, Bombay; T. J. Barr, Dublin; J. T. Chapman, Victoria; H. Chadwick, Burnley; T. Cussen, County Limerick; M. T. Casey, County Limerick; G. W. Dick, Edinburgh; A. C. Pergus, East Kilbride; G. Gibson, Cheshire; J. Fyner, Edinburgh; A. C. Evered, Plymouth; W. M. Gabriel, Kendal; C. F. Lovibond, Somersetshire; H. Gurney, Middlesex; E. F. Hogan, County Clare; J. A. Nowell, Lancashire; D. S. Moncrieff, jun., Dalkeith; A. L. Mather, Aberdeenshire; E. Ryan, County Limerick; J. W. Parry, Pwllheli, North Wales; P. O'Sullivan, County Clare; E. R. Sims, Derby; T. W. Quinn, Bimlipatam; H. G. Tandy, London; P. Starrock, Pithochry; W. E. Thomas, Glamorganshire; P. J. Wilkinson, Manchester.

Passed Third Examination, and admitted L.R.C.P. Edinburgh, L.R.C.S. Edinburgh, and L.F.P. & S. Glasgow.

W. E. Thompson, Newfoundland; T. J. Barr, Dublin; J. Lazar, Madras; J. Fyner, Edinburgh; J. D. Leigh, Bishop Auckland; C. J. Morton, Edin-

burgh; D. McArthur, Clifton; M. O'Sullivan, Castle Mahon; R. J. Paton, India; E. T. Turnbull, Alnwick; J. S. Siley, Edinburgh; T. W. Stewart, Madras; J. W. Rowlands, Anglesey; E. Wakelam, Willenhall, Staffordshire.

**SOCIETY OF APOTHECARIES OF LONDON.**—The following gentlemen passed the Examination in the Science and Practice of Medicine, Surgery, and Midwifery, and received certificates to practise, on Thursday, January 21st, 1886.

Beer, Louis Edward Simon, 23, Hampstead Road, N.W.  
Parker, Charles Arthur, Claxby, Alford, Lincolnshire.  
Pound, Clement, Odham, Hants.  
Toogood, Frederick Sherman, 48, Manor Park Road, Willesden.

The following gentlemen passed in the Science and Practice of Medicine, and received certificates to practise.

Creagh, Arthur George Mellefont, Ballenvollin, Co. Cork.  
Owen, Samuel Walshe, M.R.C.S., 14, Lundercroft Road, East Dulwich.

## MEDICAL VACANCIES.

The following vacancies are announced.

- BAILDON, Yorks.**—Medical Officer. Salary, £30. Applications to W. H. Hines, Baildon, Shipley.
- BRISTOL GENERAL HOSPITAL.**—Assistant House-Surgeon. Salary, £50. Applications by January 30th.
- CHELTENHAM GENERAL HOSPITAL.**—Honorary Surgeon. Applications by February 1st.
- COTTAGE HOSPITAL AND DISPENSARY, Hounslow.**—Dispenser. Applications to the Secretary.
- FEMALE LOCK HOSPITAL, Harrow Road, W.**—House-Surgeon. Salary, £100. Applications by February 13th.
- FRIENDLY SOCIETY MEDICAL INSTITUTE, Northampton.** Assistant Medical Officer. Salary, £150. Applications by February 9th.
- GREAT NORTHERN CENTRAL HOSPITAL, Caledonian Road.**—Two Clinical Assistants.
- HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST.**—Resident Clinical Assistant. Applications by February 13th.
- INFIRMARY FOR CONSUMPTION AND DISEASES OF THE CHEST, 24, Margaret Street, Cavendish Square.**—Honorary Visiting Physician. Must reside within one mile of the institution.
- JAMES MURRAY'S ROYAL ASYLUM, Perth.**—Assistant Medical Officer. Applications by February 1st.
- LEICESTER PROVIDENT DISPENSARY.**—Medical Officer. Applications by February 9th.
- LEITH HOSPITAL.**—House-Surgeon. Salary, £70. Applications to the Secretary.
- LIVERPOOL INFIRMARY, Myrtle Street, Liverpool.**—Assistant House-Surgeon.
- LIVERPOOL NORTHERN HOSPITAL.**—House-Physician. Salary, £80. Applications by February 6th.
- LONDON FEVER HOSPITAL, Liverpool Road, Islington.**—Assistant Resident Medical Officer. Salary, £120. Applications to the Secretary by February 2nd.
- LUNATIC HOSPITAL, The Coppice, Nottingham.**—Assistant Medical Officer. Salary, £100. Applications to Dr. Tate on February 18th.
- NEWCASTLE-UPON-TYNE INFIRMARY.**—House-Surgeon. Salary, £50. Applications by February 3rd.
- OWENS COLLEGE, Manchester.**—Lecturer in Dental Anatomy and Physiology. Applications to the Registrar by February 8th.
- PARISH OF LOCHS, Island of Lewis.**—Medical Officer. Salary, £130 per annum. Applications by February 1st.
- QUEEN'S HOSPITAL, BIRMINGHAM.**—Two Casualty Surgeons. Honorarium, £50 each. Applications by February 13th.
- RINGWOOD UNION.**—Medical Officer of Health. Salary, £10. Applications by February 6th.
- RISCA COLLIERIES, Newport, Mon.**—Surgeon. Applications to the Committee, Risca Office, Newport, before February 6th.
- ROYAL SOUTH LONDON DISPENSARY, St. George's Road, Lambeth.** Surgeon, Honorarium, £20. Applications by January 30th.
- SKIPTON UNION.**—Medical Officer. Salary, £18. Applications by February 8th.
- ST. HELEN'S FRIENDLY SOCIETY MEDICAL AID ASSOCIATION.**—Medical Practitioner. Applications by March 1st.
- ST. MARYLEBONE GENERAL DISPENSARY, 77, Welbeck Street, Cavendish Square.**—Honorary Physician. Applications by February 1st.
- STOCKPORT INFIRMARY.**—Assistant House-Surgeon. Salary, £70. Applications by January 30th.
- STOCKPORT INFIRMARY.**—A Third or Fourth Years' Student as Assistant to House-Surgeon. Applications by January 30th.
- UNIVERSITY OF SYDNEY.**—Professor of Physics. For particulars apply to S. Samuel, 5, Westminster Chambers, Victoria Street, S.W.
- WONFORD HOUSE HOSPITAL, Exeter.**—Assistant Medical Officer. Salary, £150. Applications to Dr. Deas, by February 3rd.

## MEDICAL APPOINTMENTS.

- CHILDS, Letterstedt F., M.B. Lond., M.R.C.S.,** appointed House-Surgeon to Guy's Hospital.
- COLLENETTE, Frank de B., L.R.C.P.,** re-appointed Medical Officer to the Wolston and Burslem Union.
- COUNSELL, Herbert E., M.R.C.S., L.R.C.P. Lond.,** appointed Resident Obstetric Assistant to Guy's Hospital.

**FOWLER, C. OWEN, M.D.**, appointed House-Physician to the General Lying-in Hospital, Lambeth, *vice* W. Radford Dakin, M.D., resigned.

**HARSANT, Joseph G., M.B., B.S. Lond.**, appointed Resident Obstetric Assistant to Guy's Hospital.

**HOOPER, Edgar, M.B.**, appointed Physician to Out-Patients to the Queen's Hospital, Birmingham.

**MANN, J. Dixon, M.D., M.R.C.P.**, appointed Lecturer on Medical Jurisprudence in the Owens College.

**NIVEN, James, M.B., M.A. Camb.**, appointed Medical Officer of Health to the Borough of Oldham, *vice* R. Bryden Hill, M.D., B.Sc., deceased.

**SOUTHERN, J. Acton, M.R.C.S., L.R.C.P. Lond.**, appointed Resident Assistant House-Surgeon to the Derbyshire General Infirmary, *vice* Edmund Vaudrey, M.B., resigned.

**SPONG, Charles S., M.R.C.S.**, appointed House-Surgeon to Guy's Hospital.

**TAYLOR, Alfred E., M.R.C.S.**, appointed House-Surgeon to Guy's Hospital.

**WALTERS, F. R., F.R.C.S., M.D. Lond.**, B.S., appointed Honorary Surgeon to the Westminster General Dispensary, *vice* J. Waters, M.D., resigned.

## BIRTHS, MARRIAGES, AND DEATHS.

*The charge for inserting announcements of Births, Marriages, and Deaths is 5s. 6d., which should be forwarded in stamps with the announcements.*

### MARRIAGES.

**BROWN—LEWIS.**—On January 20th, at Llanishen Parish Church, by the Rev. Jas. Oakley, assisted by the Rev. R. H. Baynes, M.A., Tintern (Hon. Canon, Worcester Cathedral), John Taylor Brown, M.B., C.M., Tintern, to Lucy Edith Louisa, second daughter of the late William Lewis, Llanvinnay, Monmouth.

**THOMAS—LITTLE.**—On the 4th November, 1885, at St. Andrew's, Lutwyche, Brisbane, by the Rev. J. Southey, Walter Duncan Thomas, M.B. (Lond.), Bundaberg (second son of the late Benjamin Thomas, F.R.C.S., Llanelly), to Leila Boyle, third daughter of Robert Little, Whytecliffe, Brisbane.

### DEATHS.

**SMITH.**—On January 22nd, at 2, Stanhope Terrace, Gloucester Gate, N.W., Herbert Ross (Bertie), youngest son of Walter Smith, M.D., M.R.C.P. Ed., aged 11 years.

**WOOD.**—On January 10th, at 118, Mount Pleasant, Liverpool, Robert Arthur Henry Wood, M.R.C.S. and L.S.A., Fellow of Obstetrical Society, Honorary Surgeon to Liverpool Lying-in Hospital, and District Medical Officer to Liverpool Select Vestry, in his 39th year.

**WORKMAN.**—On the 11th instant, at Teignmouth, Dr. Charles John Workman, aged 46.

**PRESENTATION.**—Mr. Roger Prosser, surgeon, of Bromsgrove, having reached the age of 50 on Saturday last, January 23rd, was presented, at a public dinner, with a dessert-service of solid silver, the centrepiece of which bore the following inscription: "Presented to Roger Prosser, Esq., on his fiftieth birthday, by his friends and fellow-townsmen, in appreciation of his private worth, and in recognition of his public services. 23 January, 1886."

**FISH-DINNERS IN WORKHOUSES.**—The Canterbury guardians have decided to inform the Local Board, in reply to a communication from Whitehall, that the fish-dinners in the workhouse during the last three months were very beneficial to the health of the inmates, and, with one or two exceptions, were well liked.

## MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

**MONDAY.**—Medical Society of London, 8.30 P.M. Mr. Jonathan Hutchinson: Lettsomian Lectures. On Some Moot Points in the Natural History of Syphilis. Lecture III.—Odontological Society of Great Britain, 8 P.M. Casual Communication by Mr. Storer Bennett. Mr. J. Bland Sutton: Dental and Oral Cases in Animals. President's Inaugural Address.

**TUESDAY.**—Pathological Society of London, 8.30 P.M. Specimens of Tumours of the Brain and its Membranes will be exhibited by Dr. Ashby, Dr. Barlow, Dr. Beevor, Mr. Butlin, Dr. Chaffey, Dr. Goodhart, Dr. Hadden, Dr. P. W. Macdonald, Dr. G. Ogilvie, Dr. Ord, Mr. D'Arcy Power, Mr. Peeke Richards, Dr. Saunders, Dr. F. Taylor, Dr. Charlewood Turner, and Dr. Samuel West. Dr. Hale White will show specimens of Thinning of the Skull from Cerebral Tumours. Microscopical Specimens will be on view at 8 P.M.

**WEDNESDAY.**—Obstetrical Society of London, 8 P.M. Annual Meeting. The President (Dr. Potter) will deliver the Annual Address. Specimens will be shown. Mr. Knowsley Thornton: A Case of Removal of Both Ovaries during Pregnancy. Dr. Lowers: A Case of Circumscribed Sarcoma of Uterus and Vagina. Dr. Matthews Duncan: On Contraction, Inhibition, and Expansion of the Uterus.

**THURSDAY.**—Harveian Society of London, 8.30 P.M. Dr. D. B. Lees: The Neurotic Treatment of Catarrh. Mr. Shirley Murphy: Animal Vaccination.—Parkes Museum of Hygiene, 8 P.M. Dr. G. A. Heron: How it is shown that Living Things cause some of the Diseases of Man.

**FRIDAY.**—West London Medico-Chirurgical Society, 8 P.M. Mr. Percy Dunn: A Morbid Growth involving the Right Broad Ligament and Ovary, causing Complete Obstruction of the Intestinal Canal: Chronic Suppuration of the Lung following Pneumonia. Dr. Campbell Pope: Large Urinary Calculus passed *per urethrum*. Mr. Hurry Fenwick: Photographs of Twelve Cases of Extroversion Vesicae.—Papers by Mr. Bruce Clarke, On Abdominal Exploration; and by Dr. Herringham, On a Case of Paralytic Deformity of the Foot.

## OPERATION DAYS AT THE LONDON HOSPITALS.

**MONDAY**.....10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's (Ophthalmic Department); and Royal Westminster Ophthalmic.—2 P.M.: Metropolitan Free; St. Mark's; Central London Ophthalmic; Royal Orthopaedic; and Hospital for Women.—2.30 P.M.: Chelsea Hospital for Women.

**TUESDAY**.....9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; St. Bartholomew's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Westminster; St. Mark's; Central London Ophthalmic.—2.30 P.M.: West London; Cancer Hospital, Brompton.—4 P.M.: St. Thomas's (Ophthalmic Department).

**WEDNESDAY**..10 A.M.: National Orthopaedic.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: Middlesex.—1.30 P.M.: St. Bartholomew's; St. Mary's; St. Thomas's; Royal Westminster Ophthalmic.—2 P.M.: London; University College; Westminster; Great Northern Central; Central London Ophthalmic.—2.30 P.M.: Samaritan Free Hospital for Women and Children; St. Peter's.—3 to 4 P.M.: King's College.

**THURSDAY**....10.30 A.M.: Royal London Ophthalmic.—1 P.M.: St. George's.—1.30 P.M.: St. Bartholomew's (Ophthalmic Department); Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—2 P.M.: Charing Cross; London; Central London Ophthalmic; Hospital for Diseases of the Throat; Hospital for Women.—2.30 P.M.: North-west London; Chelsea Hospital for Women.

**FRIDAY**.....9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.15 P.M.: St. George's (Ophthalmic Department).—1.30 P.M.: Guy's; Royal Westminster Ophthalmic.—2 P.M.: King's College; St. Thomas's (Ophthalmic Department); Central London Ophthalmic; Royal South London Ophthalmic; East London Hospital for Children.—2.30 P.M.: West London.

**SATURDAY**....9 A.M.: Royal Free.—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: King's College.—1.30 P.M.: St. Bartholomew's; St. Thomas's; Royal Westminster Ophthalmic.—2 P.M.: Charing Cross; London; Middlesex; Royal Free; Central London Ophthalmic.—2.30 P.M.: Cancer Hospital, Brompton.

## HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

**CHARING CROSS.**—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; Skin, M. Th., 1.30; Dental, M. W. F., 9.

**GUY'S.**—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. F., 12.30; Skin, Tu., 12.30; Dental, Tu. Th. F., 12.

**KING'S COLLEGE.**—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., M. W. F., 12.30; Eye, M. Th., 1; Ophthalmic Department, W., 1; Ear, Th., 2; Skin, Th., 2; Throat, Th., 3; Dental, Tu. F., 10.

**LONDON.**—Medical, daily, exc. S., 2; Surgical, daily, 1.30 and 2; Obstetric, M. Th., 1.30; o.p. W. S., 1.30; Eye, W. S., 9; Ear, S., 9.30; Skin, Th., 9; Dental, Tu., 9.

**MIDDLESEX.**—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1.30; o.p., W. S., 1.30; Eye, W. S., 8.30; Ear and Throat, Tu., 9; Skin, F., 4; Dental, daily, 9.

**ST. BARTHOLOMEW'S.**—Medical and Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., W. S., 9; Eye, Tu. Th. S., 2.30; Ear, Tu. F., 2; Skin, F., 1.30; Larynx, F., 2.30; Orthopaedic, M., 2.30; Dental, Tu. F., 9.

**ST. GEORGE'S.**—Medical and Surgical, M. Tu. F. S., 1; Obstetric, Tu. S., 1; o.p., Th., 2; Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, Th., 2; Orthopaedic, W., 2; Dental, Tu. S., 9; Th., 1.

**ST. MARY'S.**—Medical and Surgical, daily, 1.45; Obstetric, Tu. F., 9.30; o.p., M. Th., 9.30; Eye, Tu. F., 9.30; Ear, W. S., 9.30; Throat, M. Th., 9.30; Skin, Tu. F., 9.30; Electrician, Tu. F., 9.30; Dental, W. S., 9.30.

**ST. THOMAS'S.**—Medical and Surgical, daily, except Sat., 2; Obstetric, M. Th., 2 o.p., W. S., 1.30; Eye, M. Th., 2; o.p., daily, except Sat., 1.30; Ear, M., 12.30; Skin, W., 12.30; Throat, Tu. F., 1.30; Children, S., 12.30; Dental, Tu. F., 10.

**UNIVERSITY COLLEGE.**—Medical and Surgical, daily, 1 to 2; Obstetrics, M. Tu. Th., F., 1.30; Eye, M. Tu. Th. F., 2; Ear, S., 1.30; Skin, W., 1.45; S., 9.15; Throat, Th., 2.30; Dental, W., 10.30.

**WESTMINSTER.**—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 3; Eye, M. Th., 2.30; Ear, Tu. F., 9; Skin, Th., 1; Dental, W. S., 9.15.

## LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor, 161A, Strand, W.C., London; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 161A, 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, 161A, 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.

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.

WE CANNOT UNDERTAKE TO RETURN MANUSCRIPTS NOT USED.

### NOTES 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 publication. We are compelled to return and hold over a great number of communications chiefly by reason of their unnecessary length.

### UNDUE PUBLICITY: AN EXPLANATION.

SIR,—I was much pained to see, in your issue of January 23rd, an extract from an Irish country newspaper concerning me, under the heading "Undue Publicity." I emphatically deny having any connection with the original publication. It was, I find, supplied by a well-meaning but injudicious relative from private family letters. It contains obvious errors, and no one regretted its appearance in print more than I.—Faithfully yours,  
A. J. SMITH.  
Dublin.

### HEALTH DEFENCE FUND.

SIR,—I beg to acknowledge the following further subscriptions received towards the above fund: W. Mair, Esq., £2 2s.; Dr. J. Dobson, £1 1s.; J. Hudson, Esq., £1 1s.; Dr. B. G. Heald, £1 1s.; Dr. Cheeswright, £1 1s.; R. N. Brindley, Esq., 10s. 6d.; F. V. Smithson, Esq., 10s. 6d.—I am, sir, yours, etc.,  
H. ARTHUR ALLBUTT, M.R.C.P.E., Hon. Sec. Health Defence Fund.  
24, Park Square, Leeds.

### THE PROFESSIONAL PRELIMINARY EXAMINATION AT THE COLLEGE OF PRECEPTORS.

SIR,—I think intending candidates for the above examination should be made aware that, if they fail to satisfy the examiners in one or more subjects, they are rejected for the whole examination, and are not credited for any good work they may have done. The above College does not grant the privilege that has been recommended by the General Medical Council, and adopted by other examination boards, namely, "Candidates who fail in one or more subjects need be re-examined in those subjects only." This is certainly a boon and privilege which cannot but be most acceptable to pupils, teachers, and parents.—I am, yours truly,  
A. PARENT.

### HOME FOR INCURABLES.

SIR,—In answer to "Nemo," I beg to state that the Bolingbroke Home Hospital, situated on Wandsworth Common, takes in such cases on the payment of a small weekly fee.—I remain, yours faithfully,  
Cecil E. C. Lyster, M.R.C.S.  
Bolingbroke Home Hospital, Wandsworth Common, S.W.

SIR,—If "Nemo" will write to "B," "The Woodlands," East Hoathly, Hawkhurst, he will find, I think, exactly what he seeks.—Yours truly,  
E. GEORGE.

### DOCTOR'S GIG.

SIR,—I should be very much obliged if any of your readers who have had practical experience of "Beddoes Moore's doctor's gig" in its most recent form will give me information with regard to it, especially with reference to the following points. Is there any "knee-motion" perceptible with it? and is there any weight on the horse's back going down-hill? Any answers to my queries may be forwarded direct to me, or through the medium of your JOURNAL.—Yours faithfully,  
A. DE W. BAKER.  
2, Lawn Terrace, Dawlish.

### LING'S SWEDISH GYMNASTICS.

SIR,—In reply to "Dr. L. M.'s" question in your issue of January 23rd, respecting Ling's Swedish gymnastics, I can recommend *The Gymnastic Exercises, according to Ling's System*, by Dr. Matthias Roth, published by Joseph Myres and Co., London. This pamphlet gives directions and figures, and the exercises put in function all the muscles in the body without requiring special apparatus.—I am, etc.,  
WILLIAM W. IRELAND.  
M.A., LL.B.—We see no objection; the words M.D.Brussels.

### PURE TEREBENE.

SIR,—In the JOURNAL of January 23rd, a writer, who signs his letter on the above subject with the initials "A. S. G.," practically attributes to me shameful conduct. If "A. S. G." will show, by attaching his name to his attack on me, that he is not ashamed to avow his identity, I shall be prepared to supply him with the elementary information for which he asks, as to the difference between a so-called "patent medicine" and a patented article, as well as to enlighten him on other points on which he appears to be equally ignorant.—Yours truly,  
J. Beaufort Buildings, Spa, Gloucester.  
FRANCIS T. BOND, M.D.

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

Dr. D. G. Brinton, Philadelphia; Mr. R. Clement Lucas, London; Mr. Felix Davidson, London; Mr. J. Court, Chesterfield; Mrs. Reaney, London; Mr. A. Stokes, Wansford; Mr. Simeon Snell, Sheffield; Mr. W. H. Anderson, Harleston; The Honorary Secretaries of the Odontological Society; The Honorary Secretary of the Harveian Society; Dr. Gairdner, Glasgow; Dr. W. Hind, Stoke-on-Trent; Mr. H. Bateman, York; Mr. W. Berry, Wigan; Mr. A. Chapman, London; Mr. D. J. Browne, Londonderry; Dr. Fenn, Dover; Mr. Cresswell Baber, Brighton; A Victim; Militia Reserve; Dr. Fletcher Beach, Dartford; Mr. Thomas Partridge, Stroud; Mr. C. G. Howell, Felixstowe; Mr. W. Stuart Low, Yealand Conyers; Dr. Imlach, Liverpool; Dr. S. Martin, London; Mr. D. W. Aitken, Edinburgh; The Secretary of the Royal College of Surgeons, Edinburgh; Dr. A. J. Smith, Dublin; Messrs. Brady and Martin, Newcastle-on-Tyne; M.B.; Dr. J. S. Cameron, Huddersfield; Mr. David Cannon, London; Mr. T. Almond Hind, London; T. Y. C.; Dr. Walter Smith, London; Messrs. Mawson and Swan, Newcastle-on-Tyne; Mr. J. B. Unwin, Dunchurch; Our Manchester Correspondent; Mr. H. S. Robinson, Monkwearmouth; Mr. R. Longford Jones, Bangor; Mr. A. H. F. Cameron, Liverpool; Mr. Lawson Tait, Birmingham; Mr. W. A. Fox, New Barnet; Dr. C. J. Cullingworth, Manchester; Mr. J. Brindley James, London; Mr. Alexander Thomson, Huntly; Mr. J. Quirke, Birmingham; Dr. Ireland, Prestonpans; Dr. Rentoul, Liverpool; Mr. R. W. Parker, London; Dr. Athill,

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### BOOKS, ETC., RECEIVED.

Speech for the Dumb; a Lecture Delivered on October 2nd, 1884, in the Town Hall, Manchester. By H. W. White. London: W. H. Allen and Co. Manchester: J. Heywood.  
Refraction of the Eye. By Gustavus Hartridge, F.R.C.S. Second Edition. London: J. and A. Churchill. 1886.  
Sore-Throat; Its Nature, Varieties, and Treatment. By Prosser James, M.D. Fifth Edition. London: J. and A. Churchill. 1886.  
Alphabetical Catalogue of the Library of the Faculty of Physicians and Surgeons of Glasgow. Preceded by an Index of Subjects. By Alexander Duane, B.A. Glasgow: Printed for the Faculty of Physicians and Surgeons by R. Maclehose.  
Short History of the House of Recovery and Fever Hospital in Manchester, from its Establishment in 1706 to the Present Time; Compiled from Printed Returns and Personal Reminiscences. By Frank Renaud. 1885.  
The Year-Book of Treatment for 1885. London, Paris, New York, and Melbourne: Cassell and Co. 1885.  
Investigations into some Morbid Cardiac Conditions. By Wm. Russell, M.D. Illustrated. London: Simpkin, Marshall, and Co.; and Hamilton, Adams, and Co. Edinburgh: Bell and Bradfute. 1886.

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