

period of variola is not greater than fourteen days, and that it is desirable to adopt precautionary measures based upon this fact. On the motion of Dr. THORNE, seconded by Sir JOSEPH FAYRE, it was resolved that, after its communication to the Colonial Office, this report should be printed and circulated by the College.

## REPORT ON OPHTHALMIA AT THE HANWELL SCHOOLS.<sup>1</sup>

(CENTRAL LONDON SCHOOL DISTRICT).

WE are glad to have an opportunity of calling attention to Mr. Nettleship's *Report on Ophthalmia at the Hanwell Schools*, because, as we said last week, the condition of these schools has become a public scandal, and Mr. Nettleship is an acknowledged authority on the subject.

In some respects the results of Mr. Nettleship's examination are encouraging, and show, we are glad to say, that the gloomy picture recently drawn, of some hundreds of children being treated in dark rooms, with the prospect before them of eventual blindness, is at least highly coloured. In other respects, however, it is easy to see, notwithstanding Mr. Nettleship's extremely cautious expressions, that the schools are in the most unsatisfactory condition, that the managers have shamefully neglected their duty in the past, and that there is every prospect of their doing so in the future, unless external pressure is brought to bear upon them.

The encouraging points are that the cases are all of a somewhat mild type, a fact which is no doubt due to the persistent treatment adopted by Dr. Littlejohn, the medical officer. This being the case, there can be no question that the disease can be eradicated if the managers will only display the necessary energy.

On the other hand, we find that nearly 400 children, or about a third of the entire school, are actually affected, while the number of children with really healthy eyes is "discouragingly small;" that the schools are in a most insanitary condition; and that, although this was pointed out last autumn by Dr. Bridges, the medical inspector of the Local Government Board, no efficient steps have been taken to remedy it.

Mr. Nettleship hints that the large proportion of acknowledged cases is due to the "unflinching honesty" of the medical officer, who has included cases of such mildness that they would have been passed over in many schools; if this is so we can find no suitable adjective for Mr. Nettleship's honesty, for, in addition to Dr. Littlejohn's 214 cases, he "chose out 160 more as being, in his opinion, unsafe." We would point out, moreover, that Mr. Nettleship only examined 7-10ths of the inmates, amongst those missed being about eighty—everything is "about"—who were in the infirmary for other causes than ophthalmia; it was not stated that they were free from the latter, and it is probable that the proportion of cases among them was at least as high as among the other children.

Mr. Nettleship's chief suggestions are that the attic dormitories, already condemned by Dr. Bridges, should be abandoned, or much modified; that a new infant school should be built; that the present unsatisfactory school- and class-rooms should be rebuilt; and that an isolation school, with a resident medical officer attached, should be established for the affected children. In addition to these suggestions are many others bearing on the general hygiene of the institution. Not much is said about the local treatment, that being a matter with which the managers have little personal concern, and that adopted by the medical officer being perfectly efficient.

Mr. Nettleship has had previous experience of parochial authorities, although not, we suspect, of this particular Board of managers; and we much doubt whether the following profession of childlike trust is to be taken as genuine: "I believe that I need not hesitate in advising a measure so radical, and one which must necessarily be costly. The attitude of your Board towards the whole subject of the children's health justifies me in believing that you are determined, from the present time [the italics are ours] to place the schools, which contain the children of the City of London, where they ought to be—in the forefront of all such metropolitan institutions."

We prefer to look upon this as an artful piece of flattery, and the insinuation of the phrase "from the present time" lends colour to this view: We will say nothing about the past if you will only be good boys in the future. At any rate, if anything in the

"attitude" of the Board led Mr. Nettleship to think that they were going to take active measures, he must have been speedily undeceived if he read the reports of subsequent meetings. Had it not been for Mr. Mundella's question, Mr. Nettleship's advice would probably have produced very little practical result. As it is, however, we are glad to learn that wiser counsels have prevailed, and that the managers are about to apply to the Local Government Board for authority to appoint an assistant medical officer, who shall have sole charge of the ophthalmia cases, and to erect temporary iron buildings to accommodate 400 children.

## ASSOCIATION INTELLIGENCE.

### NOTICE OF QUARTERLY MEETINGS FOR 1889. ELECTION OF MEMBERS.

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

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

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

FRANCIS FOWKE, *General Secretary*.

### COLLECTIVE INVESTIGATION OF DISEASE.

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

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

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

### GRANTS FOR SCIENTIFIC RESEARCH.

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

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

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

### BRANCH MEETINGS TO BE HELD.

METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.—The annual meeting, for the election of officers and the annual dinner, will take place at the Royal Forest Hotel, Chingford, on Thursday, June 6th, the former at 6 P.M. and the latter at 6.30 sharp. The President of the Branch will preside. Tickets for the dinner will be 7s. 6d. (exclusive of wine). Apply on or before Saturday, June 1st, to the Honorary Secretary, J. W. HUNT, 101, Queen's Road, Dalston, N.

SOUTH-EASTERN BRANCH: WEST SUSSEX DISTRICT.—The next meeting of this District will be held at the Half Moon Hotel, Petworth, at 3.15 P.M., on Wednesday, May 29th, S. Wilson Hope, Esq., of Petworth, in the chair. Dinner at 6 P.M. Mr. Hope will read a paper: Cases of Uric Acid and Arterial Tension. The Chairman will be pleased to see the members to lunch at his house at 1.30 P.M. By the kind permission of Lord Leonfield, the members may view the pictures and other art treasures of Petworth House. Gentlemen desirous of reading papers or showing cases should communicate with the Honorary Secretary, W. AYTON GOSTLING, M.D., Barnham, West Worthing.

<sup>1</sup> By E. Nettleship, F.R.C.S. Ash and Co. 1888.

**SOUTH-WESTERN BRANCH.**—Preliminary notice. The fiftieth annual meeting of the Branch will be held at Sandoe's Royal Hotel, Bodmin, on Tuesday, June 18th, 1889, under the Presidency of William Pearce, Esq., St. Tudy. With a view to celebrate more fully the Jubilee of the Branch, it is suggested that the meeting be extended over two days, and that on the second day an excursion should be made to Tintagel and neighbourhood. The distance of Bodmin from many parts of the South-Western District being so great as to render it impossible for members to attend the meeting and dinner in one day, it is hoped that many may be induced to remain the night, and join the proposed excursion next day. It will much facilitate arrangements if members will inform the Honorary Secretary as soon as possible: (1) if they will be present at the meeting and dinner; (2) if they will join the excursion next day. The Honorary Secretary requests that notices of motion, or of notes of cases, etc., may be sent to him not later than June 1st.—P. MAURY DEAS, Honorary Secretary, Wonford House, Exeter.

**EAST YORK AND NORTH LINCOLN BRANCH.**—The annual meeting will be held at the Infirmary, Hull, on Wednesday, May 29th, at 2 P.M. Gentlemen who intend to make any communication or to propose any resolution are requested to inform the Secretary not later than May 20th.—E. P. HARDEY, Honorary Secretary, 80, Spring Bank, Hull.

**MIDLAND BRANCH.**—The annual meeting will be held at Leicester on Thursday, June 13th. Members desirous of reading papers, exhibiting cases, etc., are requested to communicate with the Honorary Secretary before May 27th. Candidates for election by the Branch Council must send in their forms of application by the same date.—W. A. CARLINE, Honorary Secretary, Lincoln.

**STAFFORDSHIRE BRANCH.**—The third general meeting this session will be held at the Medical Institute and Bell Library, Cleveland Road, Wolverhampton, on Thursday, May 30th, at 3 P.M. Dr. Isambard Owen, London, will exhibit the series of maps forming the Report of the Collective Investigation Committee on the Geographical Distribution of Rickets, Acute Rheumatism, Chorea, Cancer, and Urinary Calculus in the British Islands. Members wishing to read papers should communicate with the Honorary Secretary, GEORGE REID, St. Mary's Grove, Stafford.

**LANCASHIRE AND CHESHIRE BRANCH.**—The annual meeting will be held at Blackpool in the last week of June. Gentlemen wishing to read papers or show cases will greatly oblige by communicating with the Honorary Secretary at once.—CHARLES ED. GLASCOTT, M.D., 23, Saint John Street, Manchester, Honorary Secretary.

**YORKSHIRE BRANCH.**—The annual meeting of the Branch will be held at Sheffield, in the School of Medicine, on Wednesday, June 26th, at 3 P.M. Members intending to read papers, etc., are requested to communicate with the Secretary on or before June 12th.—ARTHUR JACKSON, Secretary.

**BATH AND BRISTOL BRANCH.**—The sixth ordinary meeting of the session will be held at the Grand Pump Room Hotel, Bath, on Thursday evening, May 30th, at half-past seven o'clock. J. Hinton, M.R.C.S. Eng., President. The following communications are expected: 1. On Accidental Hemorrhage, J. G. Swayne, M.D. 2. Notes on a Case of Villous Growth in the Bladder, E. Field, M.D. 3. The Treatment of Syphilis, H. Waldo, M.D. 4. On the Treatment by Suspension of Eight Cases of Locomotor Ataxy, J. Michell Clarke, M.B. 5. Osteo-Arthritis as an Immediate Sequel of Rheumatic Pyrexia: a Clinical Note, J. K. Spender, M.D.—R. J. H. SCOTT, E. MARKHAM SKERRITT, Honorary Secretaries.

**SOUTH MIDLAND BRANCH.**—The annual meeting of this Branch will be held at the General Infirmary, Northampton, on Thursday, the 13th day of June. Gentlemen wishing to bring forward papers, cases, etc., are requested to communicate without delay with the undersigned. There will be a luncheon at the Hotel prior to the meeting.—C. J. EVANS, Honorary Secretary.

**NORTHERN COUNTIES (SCOTLAND) BRANCH.**—The annual meeting of this Branch will be held in the Literary Institute, Nairn, on Wednesday, June 12th, at 12.30 P.M.; the President, Dr. Duguid, of Buckie, in the chair. Members desirous of reading papers, exhibiting cases, etc., are requested to communicate with the Secretary before May 30th. Candidates for election by the Branch Council must send in their forms of application by the same date.—J. W. NORRIS MACKAY, Honorary Secretary, Elgin.

#### DORSET AND WEST HANTS BRANCH: SPRING MEETING.

The spring meeting of this Branch was held at the Dorset County Hospital, Dorchester, on Wednesday, May 17th; Mr. PHILIP W. G. NUNN, President, in the chair. Forty members and visitors were present.

**Branch Council.**—Mr. G. W. Daniell, of Blandford; Dr. J. Davison, of Bournemouth; Dr. J. C. Leach, of Sturminster Newton; Dr. J. M. Lawrie, of Weymouth; Dr. P. W. MacDonald, of the Dorset County Asylum; Dr. A. McLean, of Portland; and Dr. R. P. Simpson, of Weymouth, were elected members for the ensuing year.

**Representative of the Branch on the Council of the Association.**—Mr. C. H. Watts Parkinson, of Wimborne, was elected representative of this Branch on the Council of the Association for the ensuing year.

**Representative on the Parliamentary Bills Committee.**—Mr. C. H. Watts Parkinson was re-elected for the ensuing year.

**New Members.**—The following gentlemen were elected: Dr. Richard Dalby Booth, of the Dorset County Asylum; Mr. Alfred Edward Drury, of Weymouth; Mr. James Haynes Greensill, of Parkstone; Dr. Frank Winsor Ramsay, of Winton, Bournemouth; Mr. Francis Henry Pott, of Bournemouth; and Dr. John Flasby Lawrance Whitingdale, of Sherborne.

**Next Meeting.**—It was resolved that the summer meeting should be held at Bournemouth on July 17th.

**The Royal College of Surgeons and its Members.**—Dr. BATTERBURY moved: "That this Branch is of opinion that the Members of the Royal College of Surgeons of England should have a voice in the management of the College and the election of the Council, and that it approves of the draft Bill to amend the constitution of the College to be submitted to Parliament during the present session." Dr. LUSH opposed the resolution; and, on a division, it was negatived by 9 votes to 8. Many members abstained from voting.

**Dr. Lush.**—It was resolved unanimously: "That the hearty congratulations of this Branch be accorded to Dr. Vawdrey Lush on his election to the Fellowship of the Royal College of Physicians, London."

**Cases.**—Mr. W. ERNEST GOOD showed: 1. Nævus of Loin. 2. Congenital Dislocation of Hip. 3. Excision of Head of Femur. 4. Amputation through the Knee-joint.

**Communications.**—Mr. J. R. PHILPOTS read a paper on Different Remedies for Insufflation; and exhibited: 1. A new form of Insufflator. 2. An Inhaler for Asthma.

**Specimens.**—By Mr. W. ERNEST GOOD: 1. Tongue removed for Epithelioma. 2. Testicle containing Abscess with Calcified Wall. 3. Pin removed from Abscess in Iliac Fossa. 4. Gall-stone extracted from Rectum.—By Dr. MACDONALD: Pulmonary Tuberculosis, with microscopical specimens of Lung, Liver, and Brain from the Patient.—For Mr. TUDOR: 1. Large Scirrhus of Breast. 2. Omentum removed from Sac of Crural Hernia. 3. Warty Growths from Vulva. 4. Large Oxalate of Lime Calculus from a boy under fourteen years of age. 5. Resection of Shoulder-joint at Surgical Neck. 6. Resection of Elbow. 7. Fibroid Tumour from Breast. 8. Cast after Syme's Operation at Ankle. 9. Link of Chain extracted from Abscess on the Posterior Wall of Axilla. 10. Cast of Stump after Amputation above the Knee by the Mate of a Ship in an emergency. 11. Ditto, after the removal of three inches of the Shaft by opening up the Stump on board the Dreadnought Hospital Ship. 12. Gutta-percha Cast of a large Encephaloid Growth, from the coronoid process of the Jaw. 13. Bones removed in a Resection of Knee-joint.

**Votes of Thanks.**—Votes of thanks were passed to Dr. Batterbury for his past services as President; to Mr. Tudor for the specimens sent by him; to Dr. Lush for his past services as Representative of the Branch on the Council of the Association; and to the Committee of Management of the Dorset County Hospital for the use of their Board-room.

**Dinner.**—The members and friends dined together at the King's Arms Hotel.

## BRITISH MEDICAL ASSOCIATION. FIFTY-SEVENTH ANNUAL MEETING.

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

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

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

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

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

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

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

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

**A. MEDICINE.**—*President*, John Edwin Eddison, M.D. *Vice-Presidents*, Charles Parsons, M.D.; Robert Saundby, M.D. *Honorary Secretaries*, Alfred George Barrs, M.D., 22, Park Place, Leeds; Theodore Dyke Acland, M.D., 7, Brook Street, Grosvenor Square, W.

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

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

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

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

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

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

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

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

**J. OTOTOLOGY.**—*President*, George P. Field, M.R.C.S. *Vice-Presidents*, Frederick Morrish Pierce, M.D.; Henry Bendelack Hewetson, M.R.C.S. *Honorary Secretaries*, Adolph Bronner, M.D., 33, Manor Row, Bradford; G. William Hill, M.B., 24, Wimpole St., W.

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

#### PROGRAMME OF PROCEEDINGS.

##### TUESDAY, AUGUST 13TH, 1889.

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

##### WEDNESDAY, AUGUST 14TH, 1889.

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

##### THURSDAY, AUGUST 15TH, 1889.

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

##### FRIDAY, AUGUST 16TH, 1889.

- 10.30 A.M. to 1.30 P.M.—Sectional Meetings.
  - 3 P.M.—Concluding General Meeting. Address in Psychology by Sir James Crichton Browne, M.D., F.R.S.
  - 4.30 to 6 P.M.—Garden Party at the W.R. Asylum, Wakefield.
  - 8.30 P.M.—Reception and Ball by the Mayor of Leeds in the Town Hall.
- SATURDAY, AUGUST 17TH, 1889.  
Excursions.

#### ANNUAL MUSEUM.

IN connection with the fifty-seventh annual meeting of the British Medical Association, the Museum and Exhibition will be held in the New Central Higher Grade Board School, and the Chemical Laboratory of the Leeds School of Science (Mechanics' Institute). The Museum will be arranged in the following Sections:—

**SECTION A.**—Foods and Drugs, including Antiseptic Dressings and other Chemical and Pharmaceutical Preparations. (Honorary Secretaries, Dr. J. Hellier, 1, De Grey Terrace, Leeds; Mr. C. V. Newstead, 40, Headingley Lane, Leeds.)

**SECTION B.**—Pathology, comprising Casts, Models, Diagrams, Apparatus, Microscopical and Spirit Preparations, etc. (Honorary Secretaries, Dr. J. Dobson, 27, Burley Lawn, Leeds; Dr. E. H. Jacob, 12, Park Street, Leeds.)

**SECTION C.**—Anatomy and Physiology, comprising Special Dissections, Methods of Preparation, Drawings, Models, Microscopes, Microtomes, and Microscopic Preparations. (Honorary Secretaries—Physiology, Dr. De Burgh Birch, 16, De Grey Terrace, Leeds; Anatomy, Dr. T. Wardrop Griffith, 23, Park Square, Leeds.)

**SECTION D.**—Instruments and Books, including Appliances, Medical, Surgical, and Electrical. (Honorary Secretaries—Instruments, Mr. W. H. Brown, 19, Queen Street, Leeds; Books, Mr. F. H. Mayo, 49, Otley Road, Leeds.)

**SECTION E.**—Sanitary and Ambulance Appliances. (Honorary Secretaries—Sanitary, Mr. J. S. Loe, Grafton Street, Leeds; Ambulance, Mr. R. N. Hartley, Blenheim Terrace, Leeds.)

In consequence of the great and increasing cost of these exhibitions, charges will be made to exhibitors (others than members of the medical profession), according to the space occupied. Sections A, D, and E will be held in the Higher Grade School and grounds; Sections B and C in the Laboratory of the School of Science and Technology.

#### Regulations Regarding Exhibits.

1. Intending exhibitors must communicate with the Secretaries of each Section in which they propose to exhibit, and a brief description of each exhibit, for insertion in the Museum Catalogue, must be in the hands of the respective Secretaries before July 8th.

2. All exhibits should be addressed to the "Secretary of the Museum, British Medical Association, Mechanics' Institute, Cookridge Street, Leeds," with the name of the Section for which they are intended.

3. Communications on general matters connected with the Museum to be addressed to the Museum Secretary, Dr. Jacob, 12, Park Street, Leeds.

All communications respecting advertisements in the Catalogue must be made to Messrs. Goodall and Suddick, Cookridge Street, Leeds.

## SPECIAL CORRESPONDENCE.

### BERLIN.

[FROM OUR OWN CORRESPONDENT.]

*Prognosis in Heart Disease.—Treatment of Aneurysm.—General News.*

At the meeting of the Verein für innere Medicin on April 1st, Dr. Leyden discussed the prognosis of diseases of the heart. He referred to the communications on heart disease already presented to the Association by Fränzel, Fränkel, Litten, and Lewinsky, which, however, had not dealt directly in a thorough and comprehensive manner with the questions which were of special significance from the practical point of view. The prognosis of a disease was one of the most important questions for the physician, and no narrow view of the subject should be taken. Prognosis included

ments watched by scientific detectives, the expense would be enormous. This was impossible, and therefore somebody must be trusted, and an effort made to act upon a better idea of human nature. The experiments were carried out almost in public, and open to the inspection of anyone. No one reprobated more than he did some of the experiments that were carried out abroad, and which, if they were attempted in England, public feeling would rightly put a stop to. As to the experiments carried on by Dr. McWilliam, he asserted that he had no doubt those experiments were conducted absolutely without pain. He read a letter which he had received from Dr. McWilliam, in which he expressed his astonishment at the charge of cruelty brought against him, stating that those who said so must be grossly misinformed; that the animals were profoundly anaesthetised before being interfered with, and were kept so during the progress of the experiments, and never allowed to regain consciousness, otherwise the experiments would have been frustrated. The animals suffered no pain. He thought there could be no doubt that scientific men had loyally obeyed the Vivisection Act, and had honestly carried it out.

Mr. REID said he believed that almost every cure for known human ills had been at one time or another claimed for this cruel practice by some one man of science, and that having been beaten from one point they had passed on to another. There were scientific men living who had declared their opinion that the whole of this business was a cruel imposture. Mr. Erichsen had acted the part of advocate for those who supported this class of experiment from the beginning to the end of the Royal Commission, and was not therefore an impartial person to administer the Act. The Act was, in his opinion, little better than a sham.

Sir J. LUBBOCK said that they all desired to diminish suffering, but they were not all agreed as to the mode in which this should be done. The International Medical Congress of 1881 recorded its conviction that experiments on living animals had proved of the utmost service to medicine in the past, and were indispensable to its future progress. The Royal Agricultural Society were deeply impressed with the importance of the discovery of inoculation for anthrax, and they appointed a deputation to wait on the Home Secretary on the subject. Sir Matthew Ridley, in introducing the deputation, said they had to come before the Lord President in consequence of the practical difficulty which was standing in the way of ordinary operations upon domestic animals on a farm, because it appeared that unless there was an absolute certainty about the effect of an operation it was illegal. Lord Egerton of Tatton said that our herds were very liable to attacks from anthrax and swine fever, and that he believed that by inoculation those diseases could be to a great extent prevented; but that the law, as it was at present, stood in the way of any improvement. This showed the great importance which the Royal Agricultural Society attached to the discoveries as to the nature of anthrax.

Mr. STANSFELD criticised the Act in some detail, and asked for an assurance that all its provisions were faithfully carried out.

Mr. WORTLEY said it was true that under the terms of the Act it was possible for operations to be performed in unregistered places, but there were only four licensees who enjoyed that power at the present time, and their names appeared in the report. Conditions were invariably attached to the licences issued alike as to time, place, and number of experiments. The number of inspections made appeared on the face of the report. The Government were coming to Parliament with a request to sanction a new and additional inspector, so that, if the inspection had been deficient in the past, they were to that extent doing their best to remedy that deficiency. Mr. Erichsen had made great improvements in the administration, and far more information was given than used to be the case in the time of his predecessor. It had been alleged that this Act was not being honestly administered, and that certain members of the medical profession were banded together for the purpose of concealing the truth. Experiments had been described to the House which had been carried out, not in England at all, but in a foreign country, and the paragraph in that account which stated that the experiments were carried out under anaesthetics was suppressed. This showed that others might be banded together for purposes no better than those attributed to these professional men. The Act was being administered honestly, and improvements in it were being carried out.

The House then divided, and the numbers: for the reduction of the vote, 50; against, 171: majority, 121. The vote was therefore agreed to.

Thursday, May 16th.

*The Army Medical Staff.*—Mr. BRODRICK, in answer to Mr. T. HEALY, said: Candidates for the Medical Department of the navy no longer pass through Netley, so that the question of pay, seniority, and pension does not arise as regards them. Whether Indian candidates will continue at Netley is still under consideration; but if they do, the practice as to dates will be assimilated with that obtaining for British officers. While at Netley an officer is only qualifying for his future duties, and receives 8s. a day as a surgeon on probation; he has no claim to reckon time towards increased pay or retired pay. Army medical officers serving in India are, like all other officers, paid in the currency of the country, namely, rupees. There cannot be any question of breach of contract, as the pay and allowances are in excess of those of officers serving out of India.

Friday, May 17th.

*Houses for the Working Classes.*—Mr. RITCHIE, in answer to Mr. STUART, said the hon. member was no doubt aware of the terms of the clauses which were now introduced into private Bills in pursuance of the standing orders with regard to the accommodation to be provided for persons displaced by the demolition of houses. He had received no representations that these provisions were insufficient for the purposes contemplated by Parliament. With regard to parishes in the metropolis, the clauses applied whenever twenty or more houses occupied by persons of the labouring class were proposed to be demolished. In districts outside the metropolis they applied when the number was ten or more, and he could not but think that the test should continue to be the number of houses, and not the number of families who occupied the houses. The term "family" was by no means easy of definition.

## UNIVERSITY INTELLIGENCE.

### CAMBRIDGE.

THIRD EXAMINATION FOR THE DEGREES OF M.B. AND B.C. Easter Term, 1889. Examined and approved:

Part I.—Anson, Trin.; Beauchamp, Caius; Bickersteth, Trin.; Cayley, Pemb.; Cobbett, Trin.; B. B. Connolly, Caius; H. J. Cooper, Caius; Cordeux, Caius; Creswell, H. Cav.; Daggett, Caius; Dalton, Trin.; G. H. S. Daniell, Caius; Dewhurst, Trin.; Douty, King's; Dumergue, Corpus; Edkins, Caius; Edwards, Joh.; H. A. Francis, Joh.; Heywood, Trin.; Holden, Caius; Low, Caius; Metcalfe, Trin.; Muir, Trin.; H. W. Nix, Caius; C. S. Pollock, Trin.; H. S. Pope, H. Cav.; Rendel, Clare; Richards, Down; Ronald, Trin.; Saunders, Trin.; Scott, Pet.; Stanley, Pet.; Stevenson, Christ's; C. B. Williams, Caius.

Part II.—Anson, Trin.; Arkwright, Trin.; Barnett, Caius; Battersby, Trin.; Beddoes, Pemb.; J. E. C. Bradley, Caius; Bromhead, Jesus; Campbell, H. Cav.; E. H. Colbeck, Caius; Court, H. Cav.; T. G. Crump, Emman.; Drabble, Caius; Edgeworth, Caius; Elsmore, Christ's; F. P. Evans, Joh.; Fyffe, Caius; A. J. Hall, Caius; Hopkinson, Emman.; Kelsey, Trin.; G. T. Lloyd, Joh.; Murray, Trin.; Ogilvie, King's; Olive, Joh.; G. R. Saunders, Caius; Sortain, Christ's; Stephens, H. Selw.; Syfret, Trin. H.; A. G. Welsford, Caius; Wessels, King's; Weston, Caius.

## HOSPITAL AND DISPENSARY MANAGEMENT.

### MEDICAL CLUBS.

VETUS writes: Whether "Audi Alteram Partem" be medical or layman is not material to myself, who have been for the past thirty-eight years associated with clubs; but I think if medical men were to "stand by" each other regardless of lay, clerical, or other element than their own, a solution of the vexed question of club remuneration would be more nearly attainable. Club practice at the best is too unremunerative and humiliating for the present race of medical men to engage in, but with penny and farthing a week patients such as Cirencester affords to the "faculty," the sooner it perceives some other *modus vivendi* in *medendo* the better for themselves and other members of it. Experience has proved that so impecunious a class of patients would require more than medicine or advice medical or spiritual to restore them to convalescence, and if such could not get the pecuniary aid as well as medical which ordinary benefit clubs afford, the union relieving officer is the best and most proper resource.

How the club system is abused, and how ill-paid the medical officers are, may be a future subject of inquiry; suffice it to say, Oddfellows, Foresters, United Patriots, and other similar benefit societies, with their respectable members, their boasted funds and management, pay now at the rate of what many medical men would not take a poor-law union district at. Many ailments, at first temporary, through insanitary conditions of regimen, unhealthy habitations and occupations, soon become chronic and permanent through poverty, and demand the supplemental aid of suitable nourishment and other means to restore health which that of medical clubs *per se* do not afford. Medical aid is a farce without also conferring the means of procuring these.

Many of the Oddfellows and other societies could well afford to pay medical men better than they do. This is the fault of the doctors themselves; instead of unanimity in their respective districts, I know in some cases they are afraid of each other. With the former no extra allowance is generally made for fractures and other surgical cases, extra payment being only permissive, but in the lodge I am surgeon to I made it conditional to my holding office that extra fees, according to a scale, for surgical cases should be unconditionally paid, and a rule inserted to this effect. I asked the surgeons of the other lodges in the same district to do the same, but they were afraid to move in the matter, fearing their neighbours might take their appointments if they offered to resign.

In conclusion, there should be unanimity on the part of the profession to refuse to attend any member admitted to these societies whose weekly wage or income amounts to £2 or upwards without a corresponding increase in the medical fee. As long as pauperism exists Government, under some form or other, will have to make medical as well as sumptuary provision for it.

## OBITUARY.

JOHN WREFORD LANGMORE, M.D., B.S.Lond., M.R.C.S.  
Dr. J. W. LANGMORE, who was born in 1845, died at the age of 44 on May 1st, 1889, at the residence of his father, Dr. John Charles Langmore, Oxford Terrace, Hyde Park. The cause of his death was septic pleuro-pneumonia, arising, it is supposed, from incessant professional work under unfavourable hygienic conditions.

He was the eldest member of his family, and was educated at Dr. Turrell's school at Brighton. When 15 years old he obtained the certificate of the Oxford local examination, and next year that of Cambridge, with honours. He studied medicine at University College, and became M.R.C.S. in 1866. Subsequently he obtained by competition several appointments at University College Hospital under Mr. Erichsen, Sir H. Thompson, Dr. Wilson Fox, and Dr. Hare. In 1868 he took the degrees of M.B. and B.S. at the University of London, with first-class honours in surgery. He then obtained by competition the resident physician's assistantship at Middlesex Hospital, and acted as clinical assistant at the Children's Hospital, Great Ormond Street. Afterwards he was resident medical officer and registrar to University College Hospital, then travelled for a year in the South of Europe, and was subsequently resident accoucheur for eight months at Middlesex Hospital. Thus equipped by an unusually wide experience for general practice, he joined his father in professional work in 1872, and in the following year graduated as M.D.Lond. From that time to his decease he was incessantly at work for the good of others. For nine years he was sub-editor of the *Transactions of the Odontological Society*, for four years he was editor of the *Journal of the British Dental Association*, and for some time he acted also as hospital reporter for the BRITISH MEDICAL JOURNAL; but his chief energies for about fourteen years were devoted to the interests of the Paddington Provident Dispensary. In a spirit of self-effacement he sought to lead a Christian life, largely among the poor, by whom he was universally beloved. To all, whether rich or poor, he gave his best of time, talent, and friendship. In diagnosis he manifested a keenness of observation which was widely appreciated. And by all who knew him, whether relatives, friends, patients, or professional brethren, he is deeply mourned.

In 1886 Dr. Wreford Langmore was defendant in a lunacy action, most unjustifiably originated by a patient whom he had been directed by a magistrate's order to examine. The action was tried by Mr. Justice Manisty and a special jury, and resulted in a verdict completely in Dr. Langmore's favour, with full costs.<sup>1</sup> As the plaintiff was a person of small means, the defendant was subsequently called upon to pay his own costs, amounting to more than £240. The Council of the Metropolitan Counties Branch of the British Medical Association, under these circumstances, at once started a subscription to assist in defraying this expense so unjustly forced upon Dr. J. W. Langmore; and Mr. G. Eastes, the Secretary of the Branch, who collected the subscription, had the satisfaction, in a few weeks, of sending to him over £170.

On April 9th, 1889, Dr. Langmore sickened with septic pleuro-pneumonia of the right lung, in which were scattered patches of consolidation, as there were also, though to a minor extent, in the left lung. The temperature was erratic; on one or two occasions it reached 104° to 105° F., but chiefly ranged between 100° and 102°. A limited empyema formed behind the right mamma. During the last fortnight of life there was marked rambling delirium, with intense prostration, and very transient intervals of lucidity towards the end. Paracentesis thoracis was performed on the morning of his death by aspiration, one-third of a pint of pus being evacuated, but without relief to his condition. During his last illness he was attended by Dr. Cheadle, Mr. Cripps Lawrence, Mr. R. Argles, and Mr. Hunt.

### MR. JOHN BADCOCK.

THERE has recently passed away a man who, though not a member of the medical profession, had done so much in connection with it, that his name has become a household word on the subject of vaccination. John Badcock, formerly of Brighton, died on May 14th at Kennington, in the 90th year of his age.

For twenty years (from 1840 to 1860) he prosecuted those experiments which so largely elucidated the relations of small-pox,

cow-pox, and vaccination. His determination and industry led him to keep a herd of cows for the purpose of carrying on the experiments, which extended altogether to some 200 animals. Failure or negative results often attended his proceedings, but still he had a good proportion of successes. His method consisted in inoculating the labium vulvæ of a cow with primary variolous matter, the lymph from the resulting pocks being transferred to children, from whom it was again transferred to other human beings. In this way he repeatedly obtained a new supply from the cow, which was again and again employed for vaccination, his own register recording it as practised on more than 14,000 persons. Supplies of the lymph were furnished to more than 400 medical practitioners.

For the first five years Mr. Badcock's doings were watched or tested and approved by many medical men, including Mr. Ceeley, Mr. Marson, Sir J. Clark, Sir Matthew Tierney, Mr. Cordy Burrows, and many others. With this lymph the public vaccinators of Brighton have repeatedly received awards from Government for the high standard of their vaccinations. The JOURNAL for November 26th, 1881, contains a detailed account of Mr. Badcock's experiments, by Mr. Hodgson, of Brighton.

### DOCENS LUDWIG FÜRTH, M.D., VIENNA.

Dr. LUDWIG FÜRTH, Privat-Dozent in the University of Vienna, died on April 14th. He was born at Strakonitz, in Bohemia, in 1835, received his preliminary education at Pisek, Bohemia, and studied medicine in Vienna, where he took his M.D. degree in 1863. In the same year he became house-physician in the Imperial Royal Foundling Hospital, of Vienna, where he had excellent opportunities of studying the diseases of new-born children and sucklings. In 1866 he qualified as Privat-Dozent, by an essay on hereditary syphilis, and in 1878 he became chef de clinique of the department of children's diseases in the Vienna Allgemeine Poliklinik, in place of the late Dr. Fleischmann.

Among Dr. Fürth's works may be mentioned: *Pathology and Therapy of Hereditary Syphilis*, 1878; *Pathology and Therapy of Rickets*, 1882; and *The Diseases of the Navel in New-born Children*, 1884.

## INDIA AND THE COLONIES.

### ANNUAL REPORT OF THE SANITARY COMMISSIONER OF THE CENTRAL PROVINCES FOR THE YEAR 1887.

FOR some years past the BRITISH MEDICAL JOURNAL has given up a portion of its hardly pressed space to the sanitation of India. We think this is due to the labours of our brethren who have given the work of their lives to the apparently thankless labour of improving the public health of the silent millions under the benign government of our Empress Queen. The officers in question deserve all the encouragement that the JOURNAL of the British Medical Association can give them; they need it all. The work of the sanitarian, the world over, is most unpopular. Here, in civilised England, you cannot offer a more deadly insult to a municipal corporation, to a middle class householder, or a country squire, than to criticise the sanitary arrangements of a town house, a modest villa, or a great "mansion," as the case may be. Long ago, in what may be called the dawn of sanitary reform in this country, Miss Nightingale pointed out that she was very familiar with the peculiar odour of sewer air in the passages of many great houses in London. The writer of this notice had recently occasion to notice in one of the "homes of England," of which we are all so proud, a condition of things almost incredible. The house drains had not been touched for thirty years, the "mousey odour," of neglected and ill-ventilated drains pervaded the whole house, of which the inmates were quite unconscious. Nor was this all; in one of the best bedrooms in the house there was an "institution," which might well be called "peculiar." This was a water-closet, constructed to resemble a wardrobe, placed close to the head of the bed, into which it may with perfect truth be said it ventilated into the throats of the inmates. It appeared, on inquiry, that this "convenient arrangement" was common in many of the old mansions in the same county, into which it was introduced when water-closets came into use with soil pipes going nowhere in particular, when as yet "sewer air" was unknown and unsuspected. In this particular example, the "oldest inhabitant" of the house had not the least notion where the soil-pipe went or where it terminated. In the face of

<sup>1</sup> JOURNAL, April 16th, 1887, p. 852.



all this it becomes us, when dealing with the sanitary shortcomings of the people of India, to be modest and merciful in our criticisms. Mr. F. C. Anderson, the Officiating Secretary to the Chief Commissioner of the Central Provinces, in reviewing the very excellent sanitary report before us, has the following sensible observations:

"It is acknowledged on all hands that the task of introducing improved sanitary conditions in rural villages is one of great magnitude and difficulty. Though much remains to be done, yet a great deal can and has been done to provide a pure water-supply, drainage, and cleanliness in the municipal towns. Here the task is a comparatively easy one, though for want of funds, drainage schemes and schemes for providing a really good and adequate water-supply have not infrequently had to be abandoned, and though for want of zeal on the part of some local bodies in matters of conservancy, sanitary arrangements are by no means everywhere what they should be. But as regards rural tracts the facts must be faced that the habits of the people must be reformed and inveterate prejudices overcome by the slow spread of education and enlightenment before anything approaching substantial and lasting improvement, according to modern ideas, can be effected. Rules under the Land Revenue Act, imposing on village headmen the obligation of keeping their villages in good sanitary condition, were made two years ago, and orders were issued during the past year with the object of having them more effectually enforced, but it must be admitted that as yet only the surface of the question has been touched, and that comparatively little improvement of a permanent character has been effected in the sanitary conditions of village life. Still there is no doubt that more attention is now paid to village cleanliness and to conservation of the village water from impurities than ever before. The Chief Commissioner has laid before the Government of India, in connection with the revision of the Municipal Act, proposals for improving the local organisation, and as a consequence the sanitation in large villages; and for the rest the Deputy Commissioner and his subordinates in their sphere, and the schoolmaster in his, must continue to enforce and inculcate sound doctrine in the hope that in course of time it will result in reformed practice."

We hope that the Sanitary Commissioners of India, who, as we have often had occasion to point out, do not get all the support and encouragement they deserve, will keep "pegging away, line upon line, precept upon precept," not disheartened by the small fruits of their labour they may be permitted to see, but sowing in hope, in the conviction that their labour is not in vain; and although the harvest may be long deferred, it will surely come, and bring with it healthy and happy lives to generations yet unborn.

[NOTE.—The writer abstains from referring to the disastrous result of the faulty arrangements of the house referred to above.]

## MEDICAL NEWS.

DR. GRAILY HEWITT has been elected a Fellow of the Royal Society of Edinburgh.

MISS OLIVE SCHREINER, the well-known author of *The Story of an African Farm*, has recently graduated M.D.

THE next examination for a certificate in psychological medicine will be held in Bethlem Royal Hospital, on Thursday and Friday, July 18th and 19th.

OWENS COLLEGE, MANCHESTER.—The Turner Medical Scholarship, of the value of £25, has been awarded to Mr. T. N. Kelynack.

THE annual dinner of the President and Council of the West London Medico-Chirurgical Society will take place on Friday, June 14th, at 7.30, at the Grosvenor Gallery; Dr. W. Travers, President of the Society, in the chair.

NOTICE TO WINE DRINKERS.—The French Ministry of Marine has just decreed that on and after January 1st, 1890, wine furnished to the naval service must not contain more than 2 grammes, or 30 grains, of sulphate of potassium per litre.

THE new Children's Ward of the Worthing Infirmary was opened on May 14th by Lieutenant-Colonel Wisden (Chairman of the Committee of Management), in the absence of Mr. H. P. Crofts, the President.

M. NATEVELLE, the discoverer of crystallised digitaline, whose remarkable works on the active principles of plants have rendered valuable service to pharmacology, has recently died at the age of 77.

LEPROSY is said to be on the increase in Russia. During the last ten years, forty-nine patients were treated in the St. Petersburg hospitals, half of whom were natives of the city. The Baltic provinces suffer most from the disease.

DR. MACARTHUR, Medical Officer of Grey Abbey Dispensary, has recently been presented with an address, along with an album and a purse of sovereigns. The presentation was made on the occasion of Dr. Macarthur's recovery from a severe illness.

THE next meeting of the Royal Commission on the Blind, the Deaf and Dumb, etc., for the final consideration of their report, will be held about the middle of June, and it is anticipated that the report, evidence, and appendices will be ready for presentation very shortly after.

MUNIFICENT BEQUEST.—Mr. Bolland Buck, wool-stapler, Bradford, lately deceased, has bequeathed the sum of £2,000 to the Rawson Convalescent Home, £1,000 of which is to be devoted to the building fund, and the remaining £1,000 to form the nucleus of an endowment fund. The testator has also bequeathed £1,000 to the Bradford Infirmary.

THE NEW DENTAL SCHOOL AT GUY'S HOSPITAL.—The Court of Governors have made the following appointments: Senior Assistant Dental Surgeon, W. A. Maggs, L.R.C.P., M.R.C.S., L.D.S. Assistant Dental Surgeons (arranged alphabetically): J. Mansbridge, L.D.S.; H. Murray, L.D.S.; H. L. Pillin, L.D.S.; G. O. Richards, L.R.C.P., M.R.C.S., L.D.S.; E. W. Rouw, L.R.C.P., M.R.C.S., L.D.S. Anaesthetists: Dr. Silk and Dr. Cock.

HOME NURSING FOR THE SICK POOR.—The Metropolitan and National Association, whose object is to provide the sick poor at their own homes with trained nurses, held its annual meeting at Grosvenor House on Monday, May 20th, under the presidency of Sir Rutherford Alcock, K.C.B. The report referred to the fact that its amalgamation with the Queen Victoria Jubilee Nurses Institute had during the year materially increased its usefulness; 870 cases had been nursed and 19,200 visits paid during the year.

DR. F. G. CLAXTON DAMIAN was last week entertained by a number of his personal friends at a farewell dinner, at the Royal Hotel, Grimsby. From the universal esteem in which Dr. Damian is held in the town and neighbourhood, the proceedings were of the most cordial character. The health of the guest was proposed by Drs. Stephenson and Allen, who each expressed, in appropriate terms, their high appreciation of the many valuable services rendered by Dr. Damian during his tenure of office as House-Surgeon to the Grimsby and District Hospital, and their great regret at his departure.

LANCASHIRE WEAVERS AND THE LATE DR. STEPHENSON.—Mill collections of a penny per loom were recently made throughout the Blackburn district, towards a fund opened as a memorial to the late Dr. Stephenson, medical officer for Blackburn, whose report, in 1887, gave fresh ground for the agitation against excessive steaming in weaving sheds. The Northern Counties Amalgamation, recognising the services Dr. Stephenson rendered to the Lancashire weavers, are giving the movement every support, and recommend collections all round. The fund already exceeds £1,000.

GLASGOW UNIVERSITY CLUB, LONDON.—Mr. James A. Campbell, M.P., occupied the chair at the dinner of this club, at the Holborn Restaurant. In proposing the toast of "The Glasgow University Club, London," he said that the club tended to develop what had hitherto been neglected in the Scotch universities—the social aspect. For the information of those in the medical profession who are graduates of Glasgow University, and who may wish to join this club, we have pleasure in stating that the secretaries are Dr. G. A. Heron, F.R.C.P., 57, Harley Street, Cavendish Square, W., and Mr. J. R. McIlraith, barrister, 2, Essex Court, Temple, E.C.

ROYAL COLLEGE OF SURGEONS IN IRELAND: ELECTION OF EXAMINERS.—At a meeting of the Council of the College held on Thursday, May 16th, the following gentlemen were elected Examiners for the College for the ensuing year:—Anatomy and Surgery: John Barton, William Stoker, William Thornley Stoker,

Sir William Stokes. Physiology, Histology, and Pathology: Charles Coppinger, Richard A. Hayes. Chemistry, Physics, and Materia Medica: H. C. Tweedy. Midwifery and Gynaecology: Richard D. Purefoy. Ophthalmology: Arthur H. Benson. Diploma in Midwifery: Samuel R. Mason, Jer. O'Donovan, William Roe. Diploma in Dentistry: Daniel Corbet, jun., Robert Hazleton, George M. P. Murray, Henry G. Sherlock, William Stoker, Montgomery Albert Ward. Diploma in Public Health: Edmund W. Davy, D. Edgar Flinn, Edmund Lapper, J. Dallas Pratt. General Education: Michael A. Donnelly, Robert Morton, J. Dallas Pratt.

UNIVERSITY COLLEGE, LONDON.—Sir R. N. Fowler, M.P., the Treasurer of University College, London, on Wednesday, May 15th, in the theatre of that College, distributed the medals and prizes in connection with the Faculty of Medicine. The Dean, Professor Marcus Beck, read the annual report, which stated that during the past year 340 students had attended the classes of the Medical Faculty and the practice of the hospital, 99 of whom were new students. Out of a total of 207 who passed the various medical examinations of the University of London, 42, or 20 per cent., were from University College. Mr. F. W. Wesley won the entrance exhibition of £100; Mr. C. G. Spencer, of New Zealand, the exhibition of £60; and Mr. B. L. Abrahams that of £40. The Atchison scholarship of £60 per annum for two years has been awarded to Mr. T. L. Pennell, the Atkinson Morley scholarship of £45 for three years to Mr. W. H. Tate, and the Cluff memorial prize of £15 to Mr. A. Griffith. For the Bruce medals Mr. L. E. Hill and Mr. T. L. Pennell were the successful competitors. After distributing the medals and prizes, Sir R. N. Fowler addressed a few words of congratulation to the students.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—The following gentlemen passed the First Professional Examination for the diploma of Fellow at a meeting of the Board of Examiners on May 15th:

A. Caddy, of St. George's Hospital; H. C. Barr, of St. Mary's Hospital; H. E. Rayner and W. P. G. Graham, of London Hospital; E. T. Collins and J. Murray, of Middlesex Hospital; E. Wilkinson, of University College; O. V. Pisani, of King's College; A. T. Rake, of Guy's Hospital; and G. Andrews, of London Hospital and Owens College, Manchester.

Nine candidates were referred for six months.

Passed on May 16th:

A. Whitfield and T. G. Brodie, of King's College; C. E. Pollock and C. E. Salter, of Guy's Hospital; F. B. Rutter and H. L. Rutter, of Durham and London Hospital; and A. Lawson, of Middlesex Hospital.

Nine candidates were referred for six months.

Passed on May 17th:

W. H. Vickery and C. E. Souby, of Middlesex Hospital; H. V. Drew and W. H. Evans, of University College; R. G. Hogarth, of St. Bartholomew's Hospital; G. Jones, of London Hospital; and T. H. Kellock, of St. Thomas's Hospital.

Thirteen candidates were referred for six months.

Passed on May 18th:

A. G. Gane, of St. Bartholomew's Hospital; D. Drew, of University College; D. F. Shearer, of St. Thomas's Hospital; and A. W. Sturdee, of London Hospital.

Twelve candidates were referred for six months.

Passed on May 20th:

D. J. Jones and D. C. Johnstone, of Charing Cross Hospital; E. J. F. Moore and G. H. Mills, of London Hospital; G. E. Newby, of University College; and V. W. Low, of St. Mary's Hospital.

Ten candidates were referred for six months.

SOCIETY OF APOTHECARIES OF LONDON.—The following gentlemen, having passed the qualifying examination in Medicine, Surgery, and Midwifery, have received Certificates entitling them to practise in the same, and have been admitted as Licentiates of the Society on May 10th, 1889:

Wood, Frank Lomax, Owens College and Royal Infirmary, Manchester. Reinhardt, Arthur Hope, Leeds and London Hospital.

On May 15th:

Barton, Frederic William, L.R.C.P., M.R.C.S., University College Hospital. Reynolds, Austin Edward, University College Hospital. Raw, Thomas Owen, Guy's Hospital. Smith, Robert Edward, St. Bartholomew's Hospital. Bryant, Edward Mansel Robertson, St. Bartholomew's Hospital. Osborne, Frank, St. Thomas's Hospital. Hughes, Matthew Louis, L.R.C.P., M.R.C.S., King's College Hospital. Willson, Alfred Rivers, Oxford University.

On May 16th:

Matthews, John Cox, B.A., Cambridge University and Westminster Hospital. Hamilton, Henry, University College Hospital. Evans, Ernest William, St. Bartholomew's Hospital. Pooler, Harry William, Queen's College, Birmingham.

ROYAL COLLEGE OF SURGEONS IN IRELAND.—Fellowship Examination. The following gentlemen have been admitted Fellows of the College, namely:

J. P. Rodney, Surgeon-Major, Medical Staff; T. Reardon, Medical Officer, Doneraile Dispensary; and J. Maturin, Surgeon-Major, Medical Staff.

Examination for the Diploma in Public Health:  
R. Trimble, F.R.C.S.I.

### MEDICAL VACANCIES.

The following Vacancies are announced:

ADELAIDE HOSPITAL, Adelaide, South Australia.—Medical Superintendent. Salary, £500 per annum, with board and lodging. Applications by June 11th to the Agent General for South Australia, 8, Victoria Chambers, Victoria Street, Westminster, S.W.

ATHLONE UNION.—Medical Officer for Workhouse and Fever Hospital. Salary, £120 per annum. Applications to Mr. Joseph Vaughan, Clerk of Union. Election on June 1st.

BELGRAVE HOSPITAL FOR CHILDREN, Gloucester Street, S.W.—House-Surgeon. Salary, £30 per annum, with board and residence. Applications by May 30th to the Secretary.

BOLTON INFIRMARY AND DISPENSARY.—Junior House-Surgeon. Salary, £100 per annum, with board and lodging, etc. Applications by May 27th to Mr. Kevan, Honorary Secretary, Acresfield, Bolton.

CHILDREN'S HOSPITAL, Steelhouse Lane, Birmingham.—Assistant Resident Medical Officer. Salary, £40, with board, etc. Applications by June 12th to the Secretary.

CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST, Victoria Park, E.—House-Physician. Applications by June 13th to the Secretary, 24, Finsbury Circus, E.C.

DERBYSHIRE GENERAL INFIRMARY.—House-Surgeon. Salary, £100 per annum, with apartments, board, etc. Applications by May 25th to the Secretary.

FROME UNION.—Medical Officer and Public Vaccinator. Salary, £77 per annum and extras. Applications by May 27th to Mr. G. W. Bradbury, Poor Law Offices, Bath Street, Frome.

GENERAL INFIRMARY, Gloucester, and GLOUCESTERSHIRE EYE INSTITUTION.—House-Surgeon. Salary, £100 per annum, with board and lodging, etc. Applications by June 12th to the Secretary.

HANTS COUNTY ASYLUM.—Junior Assistant Medical Officer. Salary, £100, with apartments, board, etc. Applications by May 25th to the Committee of Visitors, Knowle, Fareham.

KENSINGTON DISPENSARY.—Resident Medical Officer. Salary, £125 per annum, with furnished apartments, etc. Applications by May 30th to F. Leach, Esq., 7, Stanford Road, Kensington Court, W.

KING'S COLLEGE HOSPITAL.—Assistant House-Surgeon. Applications to J. W. Cunningham, Esq.

LONDON TEMPERANCE HOSPITAL, Hampstead Road.—Junior House-Surgeon. Board and residence. Applications by May 25th to the Secretary.

MIDDLESEX HOSPITAL, W.—Assistant Obstetric Physician. Applications by June 4th to the Chairman of the Weekly Board.

NORTH-EASTERN HOSPITAL FOR CHILDREN, Hackney Road, E.—Junior House-Surgeon. Salary at the rate of £30 per annum for six months, with increase. Applications by June 17th to the Secretary, 27, Clement's Lane, E.C.

NORTH LONDON CONSUMPTION HOSPITAL.—Physician. Applications by May 29th to the Secretary, 216, Tottenham Court Road, W.C.

NORTH-WEST LONDON HOSPITAL, Kentish Town Road.—Dental Surgeon. Applications by May 27th to the Secretary.

ROYAL ASYLUM, Morningside, Edinburgh.—Junior Assistant-Physician. Applications to Dr. Clouston.

ROYAL FREE HOSPITAL, Gray's Inn Road.—Senior Resident Medical Officer. Salary, £100 per annum, with board and residence. Applications by June 8th to the Secretary.

ROYAL FREE HOSPITAL, Gray's Inn Road.—Junior Resident Medical Officer. Board and residence. Applications by June 9th to the Secretary.

ROYAL INFIRMARY, BRISTOL.—Junior House-Physician. Board and residence. Applications by May 25th to the Secretary.

SHEFFIELD GENERAL INFIRMARY.—Honorary Assistant-Physician. Applications by June 7th to the Secretary.

STAFFORDSHIRE GENERAL INFIRMARY, Stafford.—Assistant House Surgeon. Board and lodging. Applications by May 28th to the House Surgeon.

ST. MARY'S HOSPITAL.—Clinical Assistants in the Electro-therapeutic Department (Dr. de Watteville). Applications to the Secretary, stating time for attendance at the disposal of the candidates.

SUNDERLAND INFIRMARY.—House-Surgeon. Salary, £80 per annum, with board and residence. Applications by June 20th to the Chairman of the Medical Board.

TAUNTON UNION.—Medical Officer. Salary, £75 per annum, and fees. Applications by May 25th to W. F. B. Dawe, Esq., Clerk to the Guardians, Taunton.

UNIVERSITY COLLEGE, Liverpool.—Demonstrator in Physiology. Salary, £120 per annum. Applications by July 1st to the Dean of the Medical Faculty.

WEST RIDING ASYLUM, Wadsley, near Sheffield.—Pathologist and Assistant Medical Officer. Salary, £100 per annum, with board, etc. Applications by June 5th to the Medical Superintendent.

WILTS COUNTY ASYLUM.—Second Assistant Medical Officer. Salary, £100 per annum, with board and lodging, etc. Applications by June 5th to the Medical Superintendent, Wilts County Asylum, Devizes.

## MEDICAL APPOINTMENTS.

ABBOTT, F. C., L.R.C.P., M.R.C.S.(Extension), appointed House-Surgeon to St. Thomas's Hospital.

ANDERSON, G. R., L.R.C.P., M.R.C.S.(Extension), appointed Assistant House-Physician to St. Thomas's Hospital.

BRISTOWE, H. C., L.R.C.P., M.R.C.S., appointed Assistant House-Surgeon to St. Thomas's Hospital.

BROWN, C., L.R.C.P., M.R.C.S.(Extension), appointed House-Surgeon to St. Thomas's Hospital.

BRYETT, L. T. F., M.R.C.S., L.R.C.P., L.S.A., appointed House-Physician to King's College Hospital.

BULSTRODE, H. T., B.A., M.B., B.C.Cantab, L.R.C.P., M.R.C.S., appointed Clinical Assistant in the Special Department for Diseases of the Skin at St. Thomas's Hospital.

BURROWS, Henry Ambrose, L.M.S.Lond., re-appointed House-Surgeon to the Liverpool Royal Infirmary.

CANNEY, Leigh, M.D., appointed House-Physician to the Hospital for Consumption and Diseases of the Chest, Brompton, *vice* A. H. Williams, M.D., resigned.

CHEATLE, A. H., M.R.C.S., L.R.C.P., appointed House-Accoucheur to King's College Hospital.

COPELAND, W. H. L., M.B.Cantab., L.R.C.P., M.R.C.S.(Extension), appointed Non-resident House-Physician to St. Thomas's Hospital.

COWE, S. M., appointed Medical Officer to the General Post Office (Dublin) Tontine Society.

COWEN, T. P., L.R.C.P., M.R.C.S., appointed Resident House-Physician to St. Thomas's Hospital.

CRISP, E. H., L.R.C.P., M.R.C.S.(Extension), appointed Clinical Assistant in the Special Department for Diseases of the Skin at St. Thomas's Hospital.

DEAN, H. P., M.B., B.S., F.R.C.S., appointed Surgeon to the North-Eastern Hospital for Children, Hackney Road, *vice* Waren Tay, F.R.C.S., resigned.

DUNCAN, S. V., M.R.C.S., L.R.C.P., appointed House-Surgeon to King's College Hospital.

EDGAR, J., M.B., B.S., appointed Resident Surgeon to the Maternity Hospital, Glasgow.

FAWSETT, F., L.R.C.P., M.R.C.S., appointed Resident Accoucheur to St. Thomas's Hospital.

GUNN, F. W., M.R.C.S., L.R.C.P., L.S.A., appointed Assistant House-Accoucheur to King's College Hospital.

HALSTEAD, Geo. E., M.D., B.S., B.Sc., B.A.Lond., M.R.C.S., L.R.C.P., appointed Honorary Surgeon to the Ramsgate and St. Lawrence Royal Dispensary.

HARE, Arthur W., M.B., F.R.C.S.E., F.R.S.E., appointed Honorary Surgeon to the Ancoats Hospital, Manchester.

HARFORD-BATTERSBY, C. F., L.R.C.P., M.R.C.S., appointed Clinical Assistant in the Special Department for Diseases of the Eye at St. Thomas's Hospital.

HAVELOCK, J. G., M.B., appointed Junior Assistant Medical Officer to the Montrose Royal Lunatic Asylum, *vice* F. L. Collie, M.B., resigned.

HELLIER, J. B., M.D., M.R.C.S.Eng., appointed Lecturer on Diseases of Women and Children in the Yorkshire College, Victoria University, *vice* J. Braithwaite, M.D., M.B., M.R.C.S.Eng., resigned.

HILL, E. B., M.R.C.S.Eng., L.S.A., appointed House-Surgeon to Richmond Hospital, *vice* W. F. Pedler, L.R.C.P., M.R.C.S.Eng., resigned.

HUGHES, H. O., L.R.C.P.Edin., appointed House-Surgeon to the Denbighshire Infirmary, *vice* J. E. Davies, M.B., C.M., resigned.

INGOLDBY, F. J., Esq., M.R.C.S.Eng., L.R.C.P.Edin., Albany, Western Australia, appointed Government Medical Officer and Health Officer to the port.

JAMES, C. H., L.R.C.P., M.R.C.S.(Extension), appointed House-Surgeon to St. Thomas's Hospital.

KERSHAW, James E., M.D., appointed Assistant Resident Medical Officer to the Hospital for Consumption and Diseases of the Chest, Brompton, *vice* H. H. Taylor, F.R.C.S., elected Resident Medical Officer.

KLOSTER, O., M.B., C.M., appointed Junior House-Surgeon to the Western General Dispensary, Marylebone Road, *vice* J. K. Prowse, M.B., B.C., resigned.

LANE, J. O., M.D.Cantab., M.R.C.S.E., L.S.A., appointed Medical Officer to the Burghill District of the Hereford Union.

LARKIN, F. Charles, M.R.C.S., appointed Anæsthetist to the Liverpool Royal Infirmary, *vice* Randle Leigh, B.Sc., resigned.

LAWS, W. G., M.B., C.M.Edin.(Extension), appointed Clinical Assistant in the Special Department for Diseases of the Eye at St. Thomas's Hospital.

LEWITT, Frederick W., M.R.C.S., L.R.C.P., appointed Poor-law Medical Officer to the North St. Margaret's District, Leicester Union.

LYNDON, A., M.R.C.S., L.S.A., appointed Resident House-Surgeon to the Royal Orthopaedic Hospital, Oxford Street, *vice* E. J. Morris, L.R.C.P., M.R.C.S., resigned.

MANNERS, W. F., M.R.C.S., L.S.A., appointed Clinical Assistant in the Special Department for Diseases of the Throat at St. Thomas's Hospital.

MARTIN, C. J., M.R.C.S., L.S.A., appointed Clinical Assistant in the Special Department for Diseases of the Ear at St. Thomas's Hospital.

MATTHEWS, C. G., M.D., appointed House-Physician to the Hospital for Consumption and Diseases of the Chest, Brompton, *vice* J. Dallaway, M.R.C.S., resigned.

MILLER, A., M.B., B.Ch., appointed Medical Superintendent to the Warwick County Lunatic Asylum, *vice* H. R. O. Sankey, M.B., M.R.C.S., resigned.

MILTON, F. R. S., L.R.C.P., M.R.C.S., appointed Assistant House-Surgeon to St. Thomas's Hospital.

PAGET, Charles Edward, M.R.C.S., L.R.C.P.Lond., Medical Officer of Health for the Westmoreland Combined Sanitary Districts, has been elected Medical Officer of Health for the County Borough of Salford, *vice* Dr. Tatham, resigned.

PENNY, J., M.R.C.S., L.R.C.P., appointed House-Surgeon to King's College Hospital.

SHANLEY, MICHAEL, L.K.Q.C.P.I., L.R.C.S.I., appointed Medical Officer to Athlone No. 2 Dispensary, in the room of his father, the late Dr. Luke Shanley.

SHELDON, Robert Garnett, M.R.C.S., L.M.S.Lond., appointed House-Physician to the Liverpool Royal Infirmary, *vice* Ernest Richard Woody Spratly, resigned.

SOLLY, R. V., M.B., B.S.Lond., L.R.C.P., M.R.C.S.(Extension), appointed House-Surgeon to St. Thomas's Hospital.

SPRATLY, Ernest Richard Woody, L.M.S., L.R.C.P.Lond., appointed House-Surgeon to the Liverpool Royal Infirmary, *vice* Robert Garnett Sheldon, resigned.

STEVENSON, R., M.B., C.M., appointed Medical Officer to the Innellan District of the Parish of Dunoon and Kilmun and Parish of Inverchaolain, Argyllshire.

TURNBULL, Edward Thew, L.R.C.P., L.R.C.S.Ed., L.F.P.&S.Glas., appointed Medical Officer and Public Vaccinator to the North-East District of the Pattingham Union, Yorks, *vice* H. Hairsine, resigned.

TURNER, H. G., M.B., B.Ch.Oxon, L.R.C.P., M.R.C.S.(Extension), appointed Resident House-Physician to St. Thomas's Hospital.

WALTERS, F. R., M.D.Lond., M.R.C.P., appointed Physician to the City Dispensary, *vice* Dr. Newsholme, resigned.

WHITE, E. R., M.R.C.S., L.R.C.P., appointed Ophthalmic Assistant to King's College Hospital.

## DIARY FOR NEXT WEEK.

## MONDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Professor C. B. Lockwood: On the Morbid Anatomy, Pathology, and Treatment of Hernia. Lecture I.

## WEDNESDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Professor C. B. Lockwood: On the Morbid Anatomy, Pathology, and Treatment of Hernia. Lecture II.

## THURSDAY.

ANATOMICAL SOCIETY OF GREAT BRITAIN AND IRELAND, Inns of Court Hotel (Lincoln's Inn Fields entrance) 4.30 P.M.—Dr. J. Symington: Specimens illustrating the Relation between the Epiglottis and Soft Palate in the Human Fœtus. Dr. D. J. Cunningham: Models of Flexed Elbow and Wrist-Joint. Mr. H. C. de Renzi: Abnormality of the Heart and Great Vessels. Messrs. C. B. Lockwood and C. S. Patterson, for Mr. J. T. Charles: A Specimen showing a Left Vena Cava. Messrs. C. B. Lockwood and R. Withers: Aortic Arch passing behind the Trachea and Esophagus. Mr. J. J. Clarke: Specimen of Muscular Abnormality. Professor Charles Stewart: Cutaneous Fold from Neck of Goat. Mr. Arthur Thomson: On the Influence of Posture on the Form of the Tibia in the different Races of Man and the Higher Apes. Dr. J. Symington: On the Spine of a Young Gorilla. Dr. A. Birmingham: Note on the Arrangement of the Sacral and Lumbar Nerves in a Subject with Six Lumbar Vertebrae. Dinner to Professor G. M. Humphry (the President) at 6.45 P.M.

## FRIDAY.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, 5 P.M.—Professor C. B. Lockwood: On the Morbid Anatomy, Pathology, and Treatment of Hernia. Lecture III.

CHARING CROSS HOSPITAL, 3.30 P.M.—Mr. A. M. Sheild: On Otorrhea and its Complications.

## 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.*

## DEATHS.

FALLS.—May 22nd, at Bournemouth, William Stewart Falls, M.D., F.R.C.P., aged 64.

PERKS.—On Sunday, the 19th inst., at San Salvador, Clarendon Road, Southsea Edward Rogers Perks, M.R.C.S. and L.S.A.Eng., aged 72 years (late of St. George's Square, Portsea). Friends will please accept this intimation.

WHITTING.—March 30th, in the Indian Ocean, on board ss. *Orient*, on a voyage with his wife to Australia for his health, Henry Townsend Whitting, M.R.C.S.E., L.S.A., F.R.M.S., after a few days' illness, of heart disease, greatly accelerated by unusual and intensely hot weather, aged 56. Very dearly loved by his wife, seven children, relations, and a very large circle of friends, and deservedly respected and esteemed by everyone who knew him.

In connection with the Congress of German Anthropological Societies, which is to meet this year at Vienna, a large exhibition of prehistoric objects is being formed. All the smaller public collections and the most important private ones of Austria will be represented.



many cases of it, and do not remember more than one in a family being attacked. It was evidently not infectious, but was epidemic, and occurred in insanitary dwellings.

Diphtheria had been epidemic and equally deadly three years before; the latter disease is said to be infectious, but of over forty cases then under my care, I have never seen any proof of it being so. If infectious, how does it occur to an infant, the only one so affected in a remote place? All the patients suffering from either disease were young. Mephitic odours were evident in their dwellings, in which many of them, however, had long resided without apparent injury. Is, then, the outburst due to some cumulative or cosmic change of which we know nothing, or is an engendered germ the cause of the deadly evil? Measles become epidemic in a district, but as the first two cases often occur at widely distant places, by what influence does the disease spread, and by what does it subside? Why will a sporadic case of small-pox sometimes refuse to spread under even assumed favourable conditions? The fashionable germ-theory claims too much; no one attributes germs to chloroform in destroying sensation, nor to nitrous oxide in exalting it, nor to carbonic gas in asphyxiating; why then doubt the power of more subtle aerial conditions to produce combinations giving rise to varying epidemics, or doubt a normal restoration of atmospheric state as the cause of their decline? The question of personal propagation of epidemics is essentially interesting to society and to medical men—to the one as interfering with mercantile communications, to the other as bearing especially on medical visits. If germs be pathogenic and live in the outer atmosphere, they could not only thrive in the especial morbid degeneration they create, but having the abundant and ready increase attributed, they could live on all tissues and fill them. If, as Dr. Atkinson says, nurses and servants carry infection, what prevents medical men being equally pernicious? I believe our knowledge of the character of infection is as yet rudimentary.

#### REFUNDED INCOME-TAX.

S. G. writes: Under the guidance of the Income-Tax Repayment Agency, 25, Colville Terrace, W., I have just succeeded in obtaining refund of over £20. My name and address may be learnt from the above; and I shall be pleased to see any medical *confrère* who wishes to "go and do likewise."

#### AN M.D. DEGREE FOR PRACTITIONERS.

MR. W. A. H. BARRETT (Littleport, Ely) writes: Might not the regulations of the University of St. Andrews be altered so as to admit all registered practitioners to the examination for the M.D. degree, say for the next three years? Then those who did not get a degree would have only themselves to blame. If also the examinations for the M.B. and C.M. were thrown open to all students in the United Kingdom, the necessity for a new university would be done away with. Perhaps the examinations for the M.B. could be held simultaneously in London and other large centres, as is already done by this university for the L.L.A. certificate for women.

#### "PROPER VACCINATION."

A PUBLIC VACCINATOR writes: I suppose it must be generally admitted that protection afforded by vaccination is in proportion to the number of cicatrices. Then why do "Proper Practitioners" who are not public vaccinators seek to curry favour with their own patients and those of neighbouring practitioners by proposing to make at most two scars and signing certificates of successful vaccination?

I have been nearly fifty years a vaccinator, as I vaccinated regularly during a five years' apprenticeship, and a public vaccinator for over thirty years, and have invariably insisted upon four scars for a successful vaccination, and when the caretakers of the child have refused to allow that number to be made, I have refused to vaccinate at all, and seldom failed to convince the recusants that a larger number than two scars was necessary. But I have been told "Mr. — only makes two spots," and have occasionally in consequence lost my fees.

I cannot help thinking that, to make vaccination the means of annihilating small-pox, it would be necessary to place the office of vaccinator in the hands of one person responsible for a district—large or small, according to circumstances—and receive as satisfactory evidence of vaccination only his certificate.

With regard to the insusceptibility of individuals to receive vaccine influence, during the years I have vaccinated I have never met with such a case. I have had many cases before me which I have been told would not take, but I have never failed to succeed with fresh lymph, and believe arm-to-arm vaccination to be the cure of apparent insusceptibility.

TRAUMATIC TETANUS IN A HORSE TREATED SUCCESSFULLY WITH ANTIPIRYN. SURGEON ARTHUR COTTELL (Chatham) writes: Six weeks ago I saw a bay hunter, 9 years old, suffering from well-marked traumatic tetanus, which first showed itself three days before. He had been "staked" in the near hind frog some three weeks before; an abscess had occurred locally, and was then healed. I ordered 20 grains of antipyrin every fourth hour, night and day, and continued this amount for forty-eight hours, when it was gradually diminished. The drug acted rapidly; the spasms began to yield within four hours of the first dose. He was kept in a darkened coach-house, perfectly quiet, and mashes with eggs and milk were freely given. He is now free from the disease and gaining strength daily. As it is possible that the drug may be found useful in the treatment of human beings for this most obstinate and terrible malady, I hasten to record the above facts.

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

Surgeon Apothecary; Rev. F. Lawrence, York; Mr. W. R. Edmond, Chew Magna; Mr. W. Donovan, Erdington; Mr. H. A. English, London; Dr. C. Macdowell, Carlisle; Mr. D. B. Balding, Royston; Sir V. Kennett-Barrington, London; Dr. W. D. Haslam, London; Dr. G. Le Fevre, Melbourne; Kemp and Co., Bombay; Dr. James Oliver, London; Dr. Hale White, London; Mr. Wickham Barnes, London; Mr. E. M. Anderson, London; Dr. C. B. Fox, Ilfracombe; Dr. F. W. Barry, Settle; Mr. Louis Collins, London; Dr. P. F. Frankland, London; Dr. T. J. Woodhouse, London; Mr. J. Kilner, Bury St. Edmunds; Mr. A. H. Benson, Dublin; The Right Hon. A. J. Mundella, M.P., London; Dr. De Bartolomé, Sheffield; Mr. W. E. Porter, Lindfield;

Mr. R. Smalles, Leeds; Mr. J. H. Crisp, Lacock; Surgeon V. E. Hunter, Bombay; Dr. H. D. Littlejohn, Edinburgh; Mr. G. A. Brigstocke, Haveringwest; Mr. W. Targett, London; The Secretary of the Alexandra Palace Company, London; Mr. C. B. Lockwood, London; Mr. H. Nicholas, London; Dr. R. Maguire, London; Mr. W. Wagstaffe, Sevenoaks; The Secretary of the Royal College of Surgeons in Ireland, Dublin; Dr. W. Ewart, London; Mr. H. Smith, Northampton; Dr. Dedieu, Paris; Mr. C. Rothwell, Bolton; Mr. J. B. Smith, London; Mr. W. A. Frost, London; Mr. A. J. H. Crespi, Wimborne; Mr. G. Meadows, Hastings; The Director-General of the Army Medical Department, London; Dr. R. J. Kinkead, Galway; Mr. W. Bull, London; Mr. E. H. Roe, Patricroft; Mr. Robert Bruce, London; Mr. S. Plowman, London; Mr. W. T. Sharp, London; Mr. H. S. R. Sparrow, Haslar; Brigade-Surgeon; Mr. J. Brindley James, London; Mr. W. R. Williams, London; T. D. Cook, M.B., Torquay; Mr. Lennox Browne, London; Mr. H. C. Moore, Hereford; The Secretary of the Royal College of Surgeons, Dublin; Dr. J. Lindsay Steven, Glasgow; Dr. Lush, Weymouth; Dr. R. Stockman, Leith; Sir E. H. Sieveking, London; Mr. P. S. Webster, Shrewsbury; Dr. C. Bell, New York; Our Berlin Correspondent; Mr. G. Rendle, London; Mr. A. Schetelig, London; Dr. G. F. Hodgson, Brighton; Dr. R. Pringle, London; Mr. T. W. Smith, Leamington; Mr. P. Moses, London; Dr. J. D. McCaw, Belfast; The Director of the Royal Gardens, Kew; Mr. E. M. Sympton, Lincoln; Mr. J. P. Purdy, Oulton; Mr. F. W. Lewitt, Leicester; Mr. R. Wrigley, Great Yarmouth; Mr. Arthur Jackson, Sheffield; M.D.; Mr. C. R. Huxley, London; Dr. F. Walters, London; Dr. R. Barnes, London; The Secretary of the St. John's Hospital for Diseases of the Skin, London; Dr. A. T. Myers, London; Mr. H. Smith, Northampton; B.; Dr. R. R. Rentoul, Liverpool; Mr. E. J. Mulligan, Blandford; J. Kellans, M.B., Salisbury; Mr. R. Alford, Weston-super-Mare; Dr. C. J. Lewis, Stirling; Dr. J. O. Lane, Hereford; Mr. W. B. Cockill, Kendal; Surgeon A. M. Davies, Netley; Dr. J. Neil, Oxford; Mr. G. H. Hume, Newcastle-on-Tyne; J. C. Mackenzie, M.B., Morpeth; Mr. C. Stonham, London; Messrs. Hughes and Morris, London; Mrs. Langridge, London; Mr. J. W. Taylor, Birmingham; Mr. S. W. Coombs, Worcester; Dr. Tatham, Salford; Dr. A. C. Rayner, Bristol; Mr. G. Forden, Bridgwater; Mr. F. A. Davis, London; Our Birmingham Correspondent; Dr. Abraham, London; Dr. Charles McBride, Wigtown; Dr. R. Daniel, Petersfield; Mr. F. M. Pudicombe, Zanzibar; Mr. A. N. Turner, London; Dr. Mickle, London; Dr. R. J. H. Scott, Bath; Mr. V. A. Applin, London; Mr. K. D. Dobbs, Nantyglo, Mon.; Dr. Bourneville, Paris; Mr. J. B. Fairmann, Conisbrough; Mr. W. E. Price, Ross; Mr. F. G. Hallett, London; Mr. S. O. Eades, Ipswich; Dr. J. F. Sutherland, Glasgow; Dr. P. B. Smith, Aberdeen; Mr. H. J. Franks, London; G. S. Stephenson, M.B., Grimsby; Mr. A. Parry, Woolwich; Messrs. D. Anderson and Son, Cookstown; Mr. F. H. Pott, Bournemouth; Dr. Macpherson, London; Mr. W. Allingham, St. John's, Newfoundland; etc.

#### BOOKS, ETC., RECEIVED.

The Hospital Annual, 1889. Edited by Henry C. Burdett. London: The Hospital, Limited.  
Lectures on Children's Diseases. By Dr. E. Henoeh. Vol. i. Translated from the 4th edition, 1889. By John Thomson, F.R.C.P. London: The New Sydenham Society.  
Surgical Bacteriology. By Nicholas Senn, M.D., Ph.D. Edinburgh: Young J. Pentland 1889.

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