

ASSOCIATION INTELLIGENCE.

NOTICE OF QUARTERLY MEETINGS FOR 1889.

A MEETING of the Council will be held on 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, September 26th, 1889.

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.

BRANCH MEETINGS TO BE HELD.

METROPOLITAN COUNTIES BRANCH.—A special general meeting will be held at the rooms of the Medical Society of London, 11, Chandos Street, Cavendish Square, W., on Tuesday, August 6th, at 5 P.M., to reconsider the resolution passed at the annual meeting of the Branch on July 5th respecting the annual meeting of the British Medical Association in 1890.—NOBLE SMITH, 24, Queen Anne Street, W., and H. RADCLIFFE CROCKER, M.D., 121, Harley Street, W., Honorary Secretaries.

METROPOLITAN COUNTIES BRANCH: ANNUAL MEETING.

THE thirty-seventh annual meeting of this Branch was held at the Holborn Restaurant on Friday, July 5th, at 5.30 P.M. The chair was taken by the retiring President, Dr. C. BRODIE SEWELL, who afterwards resigned it to his successor, Dr. W. M. ORD. The minutes of the previous meeting of the Branch were read and confirmed.

Report of Council.—Mr. NOBLE SMITH, one of the Honorary Secretaries, read the report, which stated that, since the annual meeting in June, 1888, 33 members had left the Branch from resignation or removal, 16 had died, and 224 new members had been elected, leaving the number at present 1,205, or 175 more than last year. The members who died during the year were Dr. Asher Asher, Dr. H. J. Barron, Mr. C. T. Carter (Hadley), Dr. C. Davidson, Mr. R. W. Dunn, Dr. J. Milner Fothergill, Dr. G. T. Gream, Mr. W. B. Hemming, Dr. Samuel Hill, Mr. A. O'Brien Jones (Epsom), Dr. J. S. Laves, Dr. Joseph Rogers, Dr. J. W. Sanders, Mr. H. L. Sequeira, Inspector-General S. S. D. Wells (Plymouth), and Dr. F. J. Wright (Stoke Newington). All had done good work, and many had served upon the Council in former years; the Branch could ill afford to lose their valuable services. The great increase of the number of members was a subject for considerable satisfaction, since, by raising the number of members to a total of over 1,200, it gave the Branch an additional representative upon the Council of the Association. In the report for the previous year it was stated that the Council had taken active steps to facilitate the obtaining of medical degrees by London medical students, and a small sub-committee of the Council had been deputed to place the views of the Council before the Royal Commission which was then sitting. This they did in a lengthy communication, and the Royal Commissioners had since reported; and it was satisfactory to know that, if their recommendations were carried into effect, the medical teachers and students of London were likely in the course of a few years to find this vexed question settled in conformity with their wishes. Should such a result eventuate, it would come to pass to a great extent in consequence of the agitation and the work carried on during a series of years by the Metropolitan Counties Branch. The Council were of opinion that the best thanks of the Branch were due to Dr. Bridgewater, Dr. Bristowe, Dr. Walter Dickson, Mr. Edmund Owen, Dr. Gilbert Smith, and Mr. Durham, the Chairman of the sub-committee, for their considerable labours in the matter. The *conversazione* of the Branch, which, in accordance with previous custom, was held in May at the South Kensington Museum, was attended by nearly 1,700 guests, and was generally

considered a decided success. These social gatherings had such a marked effect in promoting friendly intercourse amongst the members of the profession that the Council considered the expense incurred and the trouble involved amply repaid. The Council had the continued gratification of remarking upon the good work which in this, as in former years, had been done by the Districts of the Branch, and felt that the very best thanks of the entire Branch were due to the various local secretaries who had used their best energies in developing the resources of their districts. It had been suggested by Dr. J. W. Hunt that those members of this Branch who for their services to the whole Association had been elected Vice-Presidents to the Association should *ex-officio* be members of the Branch Council. A resolution to that effect, which had the full approval of the Council, would be proposed as an addition to the by-laws. The Worcestershire and Herefordshire and Gloucestershire Branches had passed a resolution to the effect that the disproportionate growth of the out-patient department in all hospitals demands a general inquiry, as well as the subject of provident dispensaries, medical aid associations, and sick clubs. A copy of this resolution was sent to the Council, with the request that they would discuss the matter, and report the result to the Councils of the above mentioned Branches. As the whole subject of hospital expenditure and administration will probably be inquired into shortly by a Committee of the House of Lords, in response to a petition from the Charity Organisation Society, it had been decided to wait the result of such inquiry before dealing with the matter, which was one of the first importance to the medical charities and the public generally, as well as to the members of the medical profession. As had been stated in last year's report, the Council resolved in October, 1887, that the Association should be invited to hold its general meeting in 1889 in London. When that invitation was placed before the Council of the Association it was found that an invitation to Leeds had already been given and virtually accepted for 1889. As no annual meeting had been held in London since 1873, it had recently been suggested that the annual meeting of 1890 should take place in the metropolis, and so much encouragement had been given by members of the Metropolitan Counties Branch to the proposal, that the Council have passed a resolution "that in their opinion it is desirable that the annual meeting of 1890 should be held in London." Since the affair was one of the highest importance, it was requisite that the sanction of the members of the Branch generally should be obtained to enable the Council to give the invitation.—On the motion of Dr. WALTER DICKSON, seconded by Mr. BRINDLEY JAMES, the report of Council was received, adopted, and entered on the minutes.

Election of Officers.—The result of the ballot for the election of Officers and Council and of Representatives of the Branch on the Council of the Association was as follows:—*President*: William M. Ord, M.D.; *President-Elect*: Sir William Mac Cormac; *Vice-Presidents*: Mr. Arthur E. Durham, Stephen Mackenzie, M.D., W. O. Priestley, M.D., C. Brodie Sewell, M.D.; *Treasurer*: Mr. Septimus W. Sibley; *Secretaries*: Mr. Noble Smith, H. Radcliffe Crocker, M.D.; *Eighteen Ordinary Members of Council* (The names to which an asterisk is prefixed are those of members nominated in place of seven who retire.): Charles T. Aveling, M.D., J. Mitchell Bruce, M.D.; *W. Watson Cheyne, Mr. G. Anderson Critchett, Thomas B. Crosby, M.D., *W. Howship Dickinson, M.D., David Ferrier, M.D., Mr. George P. Field, *Thomas Henry Green, M.D., Major Greenwood, jun., M.D., *F. De Havilland Hall, M.D., *Mr. Henry W. Kiallmark, Mr. John Langton, *Mr. G. H. Makins, *Brig.-Surg. A. B. R. Myers, Mr. Edmund Owen, Mr. St. Clair B. Shadwell, *Samuel West, M.D.; *Representatives of the Branch on the Council of the Association*: J. Syer Bristowe, M.D., Mr. Henry T. Butlin, George Eastes, M.B., W. Chapman Grigg, M.D., Mr. Septimus W. Sibley, Mr. Noble Smith (*ex officio*), Mr. Frederick Wallace.

Retirement of Honorary Secretary.—The Council expressed regret at the loss of the services of Mr. Eastes as one of the Honorary Secretaries, and desired to express the deep obligations which they considered the Branch owed to Mr. Eastes for the great care and energy which he has devoted to the duties of his office.

Treasurer's Report.—Mr. SIBLEY, Treasurer, presented the financial reports.—Dr. BRISTOWE proposed, Dr. GRIGG seconded, and it was resolved: "That the Treasurer's report be received, adopted, and entered on the minutes, and that the best thanks of the Branch be given to Mr. Sibley for the able and efficient manner in which he had discharged the duties of Treasurer during the past year.—Mr. SIBLEY acknowledged the vote of thanks.

Alteration of By-Laws.—Mr. NOBLE SMITH proposed, on behalf of Dr. J. W. HUNT, who had been called away, and Dr. STEPHEN MACKENZIE seconded, the following addition to the by-laws: "That any member of the Branch, being a Vice-President of the Association and residing within the area of the Branch, shall be *ex officio* a member of the (Branch) Council."—Carried unanimously.

Annual Meeting in London in 1890.—After some discussion, in which Dr. BRISTOWE, Dr. DICKINSON, Dr. GRIGG, and Mr. EASTES took part, a resolution was carried unanimously confirming the invitation proposed by the Council that the Association should hold its annual meeting in London in 1890.

Vote of Thanks to the Retiring President.—Dr. BRODIE SEWELL, in resigning the chair to Dr. ORD, took occasion to thank the members for their support during the year.—Dr. STEPHEN MACKENZIE proposed, and Dr. HENTY seconded, and it was unanimously resolved: "That the cordial thanks of the Branch be given to Dr. C. Brodie Sewell for his efficient and courteous conduct as President during the year, and especially for his able and judicious guidance and assistance in the consideration of those matters of professional importance which have been brought under the notice of the Branch."—Dr. BRODIE SEWELL returned thanks for the vote.

President's Address.—Dr. ORD delivered an address, and touched upon various points connected with the action of the Branch in forwarding the interests of the profession at large, as well as those who lived within the districts of the Branch.—Dr. STEPHEN MACKENZIE proposed, and Dr. HENTY seconded, a vote of thanks to the President for his address.—Carried unanimously.

Dinner.—Members and their friends, to the number of seventy-nine, dined together under the chairmanship of Dr. W. M. ORD. Among the guests present were Director-General Dick, C.B., R.N., Brig.-Surg. Simson Pratt, representing the medical department of the army. Mr. Dan Godfrey's band performed an excellent selection of music during the dinner. Mr. Olver and Dr. Collins very kindly assisted with some songs after dinner.

SOUTHERN BRANCH: ANNUAL MEETING.

THE annual meeting of the Southern Branch was held at Salisbury on Thursday, June 27th; H. B. NORMAN, F.R.C.S., in the chair.

Election of Officers.—The following gentlemen were elected officers for the ensuing year: *President-Elect*: Dr. J. Groves; *Vice-Presidents*: Brigade-Surgeon C. H. Godwin, Dr. J. M. Pletts; *Members of Council*: Dr. W. H. Axford, Dr. C. J. Beaumont, Mr. Darke, Mr. W. E. Green, Dr. G. H. Snowden, and Dr. H. Hemsted; *Representative on the Parliamentary Bills Committee*: Dr. D. Nicolson; *Representatives on the Council of the Association*: Dr. T. W. Trend, Dr. Ward Cousins.

Abuse of Out-Patient Departments.—The following resolution, proposed by Dr. AXFORD, and seconded by Dr. J. GROVES, was carried:—"That the disproportionate growth of the out-patient department in all hospitals demands a general inquiry, as well as the subject of provident dispensaries and sick clubs." Dr. Axford, in moving the resolution, referred to the abuse of out-patient departments of all hospitals by persons who could afford to pay a practitioner, and expressed the opinion that they were really of no benefit either to the hospitals themselves, to the poor, or to medical men. That while lightening the work of Poor-law doctors, they gave an excuse for the miserable payment of these gentlemen, and that, by their system of free relief, they impoverished the recipients of the charity, and took fees from medical men who, but for their existence, might earn a competence—instancing the fact that, when King's College Hospital was opened, many practitioners in the neighbourhood were entirely ruined. Free out-patient departments should be entirely done away with, except for patients sent by doctors for the sake of consultations, and their place should be taken by well-regulated provident dispensaries.

[A report of the clinical papers read will be published subsequently.]

Annual Meeting for 1890.—The next annual meeting will be held at Carisbrooke, and Dr. J. Groves is the President-elect.

NORTH OF ENGLAND BRANCH.

The twenty-fifth annual meeting was held at Durham on Tuesday, July 16th. In the absence of the President (Dr. McLagan), Dr. GOWANS was, on the motion of Dr. DRUMMOND, voted to the chair.

President's Address.—Dr. GOWANS introduced the new President, Dr. BARRON, who took the chair, and then delivered the annual address. In it he dealt in a masterly and interesting way with the subjects of convalescent hospitals and of cremation. Dr. BROADBENT proposed, and Dr. ELLIS seconded, a vote of thanks to the President for his able and exhaustive address, and that he be requested to print it. This was carried by acclamation.

Votes of Thanks to Retiring President.—On the motion of Dr. DAVIS, seconded by Dr. SMITH, a vote of thanks was accorded to the retiring President, and the Secretary was directed to send a note of sympathy to him on account of his recent accident.

Meeting for 1890.—Dr. DRUMMOND proposed, Dr. ELLIS seconded, and it was resolved that the annual meeting for 1890 be held at Darlington, and that Dr. Middlemiss be the President-elect. Dr. Booth, on behalf of the Master of Sherburn Hospital and himself, invited the Branch to hold a meeting there next year; this was cordially accepted.

Election of Officers.—It was proposed by Dr. CRISP, seconded by Dr. RIDLEY, and carried that the Council be re-elected with the addition of Dr. Hedley, of Middlesbrough, and that Mr. Williamson be re-elected Honorary Secretary and Treasurer. It was resolved on the motion of Dr. Foss and Dr. SMITH, that Dr. Philipson represent the Branch on the Parliamentary Bills Committee, and that Dr. Drummond and Mr. Williamson represent the Branch on the Council of the Association.

Vote of Thanks to Durham University.—Dr. GOWANS proposed a vote of thanks to the authorities of the University of Durham for their kindness in granting the use of a lecture room for the meeting, and for the use of the Castle Hall for the dinner.

Annual Dinner.—The dinner after the meeting took place at the Castle Hall, and twenty-five were present. As it was a beautiful summer evening there were no speeches, the members spending the time in the Fellows' Garden of the University.

CAMBRIDGESHIRE AND HUNTINGDONSHIRE BRANCH.

A MEETING of this Branch was held in the Anatomical School, Cambridge, on Friday, July 5th, the President, Mr. F. W. BECKETT, (Ely) in the Chair.

Proposed Combined Meetings.—The minutes of the last annual meeting having been read, the SECRETARY explained the circumstances under which the projected combined meeting with the South Midland Branch had fallen through. The question of any subsequent meeting was referred to the Council of the Branch.

Election of Representatives.—Mr. D. B. Balding, of Royston, and Dr. Bushell Annington, of Cambridge, were reappointed representatives on the Parliamentary Bills Committee and on the Council of the Association respectively.

A Medical Defence Union.—On the motion of Dr. MEAD, of Newmarket, seconded by Dr. ROPER, of Cambridge, the following resolutions were unanimously adopted:—1. "That it is desirable that a Medical Defence Union be formed." 2. "That the list of the Provincial Committee presented be approved, with power to add to their number." 3. "That a Union extending over Great Britain and Ireland will be preferable to small local societies, and that the committee be recommended to arrange terms of union with the Central Society at Birmingham." 4. "That while *pro tem.* accepting members from all parts in which no society exists, special efforts be made to induce all medical men residing in East Anglia and the parts adjacent, extending from Sleaford to Peterborough and Bedford, to join the Society, with the view of forming a strong local branch or society. An annual general meeting to be held in some convenient locality in East Anglia, and another in or near Cambridge, Bedford, or Peterborough, such committee having separate presidents, etc." 5. "That the plan found to work so admirably in the British Medical Association of a Central Association, with branches for counties or groups of counties, be recommended for addition." 6. "That Mr. Beckett, Mr. Balding, and Dr. Grove be appointed presidents of districts."

YORKSHIRE BRANCH.

THE annual meeting of this Branch was held at Sheffield, in the Medical School, on June 26th, 1889, under the presidency of Mr. S. SNELL.

President's Address.—The PRESIDENT read an address, which was published in the JOURNAL of July 13th, p. 57.—A vote of thanks to the President for his address was unanimously passed.

Vote of Thanks to Retiring President.—A vote of thanks was

passed to the retiring President, Dr. Ramsay (York), who was also elected a Vice-President of the Branch.

Report of Council.—The following report was adopted: "The Council of the Yorkshire Branch have pleasure in reporting the increased success of the meetings of the Branch during the past year. They have not only been more numerous attended, but have also been more fully supplied with papers. The conjoint meeting of the East York and North Lincoln Branch and the Yorkshire Branch, held at York last autumn, was particularly successful and very pleasant. Your Council have appointed nine members of the Branch to be assistant secretaries. The members who have kindly undertaken the office are: Dr. Adolf Bronner, of Bradford; Dr. Chadwick, of Leeds; Dr. Turner, of York; Mr. Drury, of Halifax; Mr. Lawford Knaggs, of Huddersfield; Mr. Haley, of Wakefield; Dr. Cuff, of Scarborough; Dr. Green, of Ripon; and Dr. J. Gordon Black, of Harrogate. Your Council cannot meet you to-day without offering their Leeds friends their hearty congratulations on the fact that the annual meeting of the Association is to be held at Leeds in August next, and that our distinguished Vice-President, Mr. Wheelhouse, is the President-elect. Your Council are certain that the meeting will be one of the most successful on record, worthy of the best traditions of Leeds, and worthy of the reputation of those who have done so much, not only for their town, but also for the British Medical Association. Your Council have pleasure in informing you that they have accepted an invitation to hold the annual meeting in 1890 in Leeds; and Dr. Eddison has been appointed President-elect."

Alleged Abuse of Out-Patient Departments.—Communications from Dr. Crowe, the Secretary of the Worcestershire and Herefordshire Branch, relative to the abuse of the out-patient department of hospitals, and from Dr. Rentoul (of Liverpool) relative to a "Proposed Medical Service of England," were adjourned to a special meeting to be held at Leeds on July 17th, 1889.

Election of Officers.—The following officers of the Branch for 1889-90 were elected. *President*: Mr. Snell, Sheffield. *President-Elect*: Dr. Eddison, Leeds. *Secretary and Treasurer*: Mr. Arthur Jackson. *Permanent Vice-Presidents*: Dr. Allbutt, F.R.S., Mr. Ball, Dr. de Bartolomé, Dr. Burnie, Mr. W. F. Favell, Dr. Goyder, Mr. Arthur Jackson, Mr. Thomas R. Jessop, Dr. Keeling, Mr. Knaggs, Dr. Matterson, Mr. Meade, Mr. Miall, Mr. North, Dr. Ramsay, Mr. Pridgin Teale, Mr. Wheelhouse. *Council*: York: Mr. Galland. Bradford: Dr. Rabagliati, Dr. Major. Sheffield: Dr. Dyson, Dr. Martin. Scarborough: Dr. Hutchinson. Halifax: Dr. Dolan, Dr. Solomon C. Smith. Leeds: Mr. Atkinson, Mr. C. J. Wright. Wakefield: Mr. Walker. Barnsley: Dr. Sadler. Ripon: Mr. Bowman. Harrogate: Dr. Oliver. Rotherham: Mr. Knight. Huddersfield: Dr. Cameron. Hemsworth: Dr. Leak. Heckmondwike: Dr. F. B. Lee.

Election of Representatives.—Mr. Jessop (Leeds) and Dr. Cameron (Huddersfield) were elected representatives of the Branch on the Council of the Association; and Dr. Cameron a member of the Parliamentary Bills Committee.

Papers.—The following papers were read: Mr. W. Makeig Jones: Short Notes of a case of Trichinosis. Dr. Adolf Bronner: On the Treatment of the Common Affections of the Lachrymal Apparatus. Mr. Charles Atkin: Fatal Aural Cases.

Annual Dinner.—After the meeting the members dined together at the Wharnccliffe Hotel.

Abuse of Out-patient Departments.—A special meeting of the members of this Branch was held at Leeds, under the presidency of Mr. SNELL, to consider the resolution passed by the Worcestershire and Herefordshire, and Gloucestershire Branches: "That the disproportionate growth of the out-patient department in all hospitals demands a general inquiry, as well as the subject of provident dispensaries, medical aid associations, and sick clubs;" and also an article on "Proposed Medical Service of England," by Robert R. Rentoul, M.D., which appeared in the JOURNAL, June 22nd, 1889. The resolution of the Worcestershire and Herefordshire, and Gloucestershire Branches was carried by 18 to 12. Dr. Rentoul's proposed scheme was adjourned for future consideration. An animated discussion took place, in which the President-elect, Mr. Wheelhouse, Dr. Holdsworth, Dr. Rentoul, Dr. Jacob, Dr. Churton, Dr. Davy, Mr. Watt, Mr. Browning, Dr. Martin, Mr. Knaggs, Dr. Goyder, Dr. Rabagliati, and others took part. The Secretary was instructed to send a copy of the resolution to the Council of the Association, and to the Secretaries of the various hospitals in the Yorkshire Branch.

EAST YORK AND NORTH LINCOLN BRANCH.

Public Medical Service of England.—At a meeting of this Branch held at the Royal Infirmary, Hull, to discuss this scheme, the following resolution was adopted:—"That this meeting while not committing itself to the details of Dr. Rentoul's scheme, wishes to express its approval of his efforts to provide a Public Medical Service."

DORSET AND WEST HANTS BRANCH.

The summer meeting of this Branch was held at Bournemouth on Wednesday, July 17th, Mr. PHILIP WILLIAM GOWLETT NUNN, President, in the chair. There were also present thirty-seven members and visitors.

Vote of Condolence.—It was resolved unanimously "That the members of the Dorset and West Hants Branch of the British Medical Association express their sincere sorrow at the loss they have sustained in the death of their former President, Dr. William Stewart Falls, and desire to convey to Mrs. Falls and the other members of his family their sympathy in their sad bereavement."

New Members.—Mr. B. P. Bartlett, of Bourton, Mr. H. G. Lys, and Dr. W. R. Thomas, of Bournemouth, and Mr. W. P. Wilton, of Weymouth, were elected.

Communication from the Worcestershire and Herefordshire and Gloucestershire Branches.—It was resolved unanimously "That the disproportionate growth of the out-patient department in all hospitals demands a general inquiry, as well as the subject of provident dispensaries, medical aid associations, and sick clubs."

Dr. Rentoul's Proposition.—It was resolved "That this meeting generally approves of Dr. Rentoul's 'Proposed Medical Service of England.'"

Medical Aid Societies.—It was resolved unanimously "That in the opinion of this Branch it is incompatible with the interests of the British Medical Association and the dignity of its members that any of its members should be connected with any so-called Medical Aid Society, which employ their own doctor to the injury of private practitioners."

Next Meeting.—It was resolved "That the autumn meeting be held at Weymouth."

Dinner.—The members and friends dined together at the Royal Bath Hotel.

WORCESTERSHIRE AND HEREFORDSHIRE BRANCH.

The annual meeting was held at the Infirmary, Hereford, on July 2nd.

Alleged Abuse of Out-patient Departments.—The HONORARY SECRETARY read a number of letters relating to the questions of hospital out-patients and medical aid societies. Letters from Dr. R. Rentoul regarding proposed public medical service were read, when the following resolution was carried: "That the discussion of this question be deferred for the present."

Election of Officers.—The following gentlemen were elected officers of the Branch for the ensuing year:—*President*: Dr. T. A. Chapman. *President-Elect*: Mr. Lawson Tait. *Honorary Secretaries*: Dr. Crowe and Mr. H. C. Moon. *Representative on the Council of the Association*: Dr. Crowe. *On the Parliamentary Bills Committee*: Dr. Strange and Dr. Crowe. The Council was re-elected, with the addition of Dr. Oscar Lane.

Papers.—Dr. LANE read a short paper on Myxœdema.—Mr. T. TURNER read notes of a case of Hip Disease.

Dinner.—The members afterwards dined together at the Green Dragon.

DENTAL HOSPITAL OF LONDON.—A *conversazione* was held at this hospital, Leicester Square, on Wednesday. The guests were received by Sir John Tomes, F.R.S. The Dean, Mr. Morton Smale, having read the annual report, the prizes were distributed by the Right Honourable Lord Kinnaird, who gave an eloquent address, in the course of which he dwelt on the necessity for combining scientific knowledge with mechanical skill in dentistry. A vote of thanks to Lord Kinnaird was proposed by Mr. Septimus Sibley, seconded by Sir J. Tomes, and carried unanimously. Miss Fergusson then exhibited Edison's phonograph, and the proceedings terminated by a selection of music, vocal and instrumental, performed by the musical society of the hospital.

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.

Head Mistress's Room, Mechanics' Institute.

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.

The proceedings of this Section will be opened by the President on Wednesday, August 14th, at 10 A.M., after which Dr. R. Douglas Powell will read a paper on The Clinical Aspects of Chronic Tubercular Diseases of the Serous Membranes and their Treatment. Sir Andrew Clark, Drs. Vincent Harris, Roberts, Samuel West, Churton, Cheadle, Handford, More Madden, and Burney Yeo have promised, if possible, to take part in the discussion.

On Thursday, August 15th, a paper will be read by Dr. Pavy on the Prognosis of Cases of Albuminuria, with Special Reference to Life Insurance. Sir W. Roberts, Drs. Goodhart, Maguire, Pye-Smith, Ralfe, Rabagliati, C. R. Drysdale, Robert Barnes, De Havilland Hall, N. Tirard, Joseph Ewart, T. Cranstoun Charles, and Saundby hope to take part in the discussion.

The following papers are promised:

- BATEMAN, F., M.D. (Norwich). On the Jurisprudence of Aphasia.
BROWN-SÉQUARD, C. E. The Toxicity of Expired Air and its Connection with Pulmonary Tuberculosis.
CHURTON, T., M.D.
CUTTER, Ephraim, M.D. (New York). Thirty Years' Work in the United States in the Treatment of Tuberculosis Pulmonalis, with Statistics of 100 Cases Illustrated by Lantern Slides of Microphotographs of Healthy and Tuberculous Lungs.
DRYSDALE, C. R., M.D. The Alleged Rarity of Phthisis among the Jews in London.
ECCLES, A. Symons, M.B. The Influence of Massage on the Rate of Absorption from the Intestines.
FINUCANE, T. D., M.D. (Blackrock). On Asiatic Cholera.
FLOOD, A. W. On Ringworm and its Treatment.
GREENE, G. E. J. (Ferns, Co. Wexford). Notes on Rôtheln.
HAIG, A., M.D. On the Connecting Link between the High Tension Pulse and Albuminuria.
HANDFORD, H., M.D. On the Relations of Arterial Hypoplasia to Cardiac Disease.
HARLEY, Vaughan, M.B. Abscess of the Liver: Treatment.
JOHNSTONE, Thos., M.D. 1. Case of Massage. 2. Ilkley as a Resort for the Asthmatic.
LITTLE, J. Fletcher, M.B. The Modern Treatment of Palsies.
MCNAUGHT, Dr. A Case of Dilatation of the Stomach accompanied by the Eructation of Inflammable Gas.
MADDEN, T. More, M.K.Q.C.P.I. Clinical Experiences of the Chronic Tubercular Diseases of Childhood.
MAGUIRE, R., M.D. Presystolic Murmur without Organic Mitral Disease.
PEARSE, T. F. Esq. The Use and Abuse of Soap.
THOMAS, W. R., M.D. On Phthisis, with Remarks on the Varieties of Climatic Treatment.
TRUDICHUM, J. L. W., M.D. On the Demodex Folliculorum, the Parasite of the Acne Punctata of Man and the Mange of the Dog.
TIRARD, N., M.D. Peptonuria and the Fehling Test.

Lecture Theatre No. 13, School of Science.

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.

Arrangements have been made in this Section for the consideration of four special subjects, and the gentlemen whose names are appended have promised, if possible, to take part in the discussions.

The President of the Surgical Section will give an Opening Address on the Treatment of Cancer of the Rectum. The following gentlemen will take part in the discussion:—Mr. Mitchell Banks (Liverpool), Mr. Bond (Leicester), Mr. Bryant (London), Mr. Harrison Cripps (London), Mr. Christopher Heath (London), Mr. Whitehead (Manchester), Dr. Alexander (Liverpool), Mr. H. Allingham (London), Mr. Alfred Cooper (London), Dr. Ward Cousins (Southsea), Mr. Vincent Jackson (Wolverhampton), Mr. Jordan Lloyd (Birmingham), Mr. F. Marsh (Birmingham), Dr. James Murphy (Sunderland), Mr. Bennett May (Birmingham), and Mr. F. B. Jessett (London).

Mr. Henry Morris will open a discussion on the Surgery of the Kidney. Professor Annandale (Edinburgh), Mr. Rickman Godlee (London), Mr. Bennett May (Birmingham), Dr. Newman (Glasgow), Mr. Lawson Tait (Birmingham), Mr. Bruce Clarke (London), Mr. Kendal Franks (Dublin), and Mr. R. Lawford Knaggs (Huddersfield) will take part in the discussion.

Mr. Frederick Treves will open a discussion on The Surgical Treatment of Typhlitis after the discussion on Renal Surgery.

Mr. A. F. McGill will open a discussion on the Treatment of Retention of Urine from Prostatic Enlargement. Mr. Edward Atkinson (Leeds), Mr. A. E. Durham (London), Mr. Reginald Harrison (Liverpool), Mr. Berkeley Hill (London), Mr. Bruce Clarke (London), Dr. Ward Cousins (Southsea), Mr. Vincent Jackson (Wolverhampton), Mr. Jordan Lloyd (Birmingham), Mr. Bennett May (Birmingham), and Mr. W. Whitehead (Manchester) will take part in the discussion.

The following further papers are announced:

- ADAMS, W., Esq. (London). On the Successful Treatment of Cases of Congenital Displacement of the Hip-joint by Complete Recumbency with Extension for two years.
ALEXANDER, W., M.D. (Liverpool). The Surgical Treatment of Epilepsy.
BISHOP, E. Stanmore (Manchester). 1. Some Points in the Technique of Morton's Operation for Spina Bifida. 2. Will show a Splint Cradle for Excision of the Hip-Joint and Osteotomy.
CRIPPS, Harrison, Esq. (London). A Series of Cases of Cancer of the Rectum treated by Excision or Colotomy.
FRANKS, Kendal, F.R.C.S. Subcuticular Suture.
HERN, John, M.D. (Darlington). The Advisability of Aspiration of the Protruded Gut in Recently Strangulated Hernia, with Notes of Cases.
HUME, G. H., M.D. (Newcastle). On Combined External and Internal Urethrotomy in the Treatment of certain cases of Stricture.
JONES, Robert, Esq. (Liverpool). 1. The Treatment of Joint Disease by Prolonged fixation. 2. The Treatment of Certain Cases of Peri-rectal Abscess by Partial Removal of the Sacrum.
KETTLER, C. B., Esq. (London). Compression of the Abdominal Aorta by an Instrument passed through a Small Opening in the Anterior Wall of the Abdomen.
KELLER, Otto E., M.D. (London). Trephining in a Case of Actinomycosis of Brain.
LOYD, Jordan, Esq. (Birmingham). Abdominal Section for Acute Intestinal Obstruction.
MARSH, F., F.R.C.S., will Exhibit a Patient after Madelung's Operation, with subsequent Excision of Rectum.
OTIS, F. N., M.D. (New York). A *Resumé* of the Experience of Seventeen Years in the Operation of Dilating Urethrotomy.
PARKER, Rushton, Esq. Cerebral Tumour removed Successfully.
PARSONS, J. Inglis, M.D. (London). On the Arrest of Growth in Cancer by a powerful interrupted Voltaic Current.
PEARSE, T. Frederick, Esq. (London). The Treatment of Empyema.
ROBSON, A. W. Mayo (Leeds). 1. Two Hundred Consecutive Cases of Abdominal Section, with remarks. 2. Successful Case of Cholecystenterostomy for Biliary Fistula. Patient shown.
SILK, J. F. W., M.D. (London). Ether as an Adjunct to Nitrous Oxide Anæsthesia in Minor Surgery; with some general remarks upon Ether Anæsthesia and the teaching of Anæsthetics.
SPICER, Scanes, M.D. Note on a Case of Progressive Induration of Cervical Glands Simulating Malignant Disease, but readily yielding to the Treatment of Chronic Post-Nasal Catarrh.
STOKES, Sir Wm. Thyrotomy in the Treatment of Laryngeal Cancer.

Engineering Class Room, Mechanics' Institute.

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.

Dr. Braxton Hicks, F.R.S., will open a discussion on the treatment of Placenta Prævia. Drs. Robert Barnes, Murdoch Cameron, Gervie, W. Goodell (Philadelphia, U.S.), Robert Harvey (Bengal), Aust Lawrence, Malins, Murphy, Playfair, Priestley, Macnaughton Jones, Robert Bell, William Walter, Wallace, and Messrs. Hall and Wright are expected to take part in the discussion.

Dr. Herman will open a discussion on Corporeal Endometritis,

its Frequency, Diagnosis, and Treatment. Drs. Braithwaite, Byers, Murdoch Cameron, Halliday Croom, Duke, Elder, Gervis, Goodell (Philadelphia, U.S.), A. W. Johnstone (Danville, U.S.), Handfield Jones, Aust Lawrence, Playfair, Robert Bell, William Walter, Priestley, Wallace, Macnaughton Jones, Aveling, Graily Hewitt, and Messrs. Prigdin Teale and More Madden are expected to take part in the discussion.

The following further papers are announced:

- ARMSTRONG, J., M.B. The Use of Antiseptics in Midwifery.
 BELL, R., M.D. On the Relation of Endometritis to Ovarian Disease, and will also show some instruments.
 CAMERON, Murdoch, M.D. Cesarean Section, with Notes of a Second Successful Case.
 CROOM, J. Halliday, M.D. 1. On the Shedding of the Decidual Membrane late in the Puerperium. 2. On Encysted Tubercular Peritonitis Simulating Ovarian Tumour.
 CUTLER, Ephraim, M.D. (New York). Eighteen Years of Work in the United States in the Treatment of Uterine Fibroids by Galvanism with Demonstration of Methods of Operating and some Statistics of Treatment of Uterine Fibroids by Food for the same length of time.
 DUKE, Alexander, F.K.Q.C.P.I. 1. Additional Traction in Forceps Cases as an Alternative to Craniotomy. 2. New Plan of Plugging the Cervix Uteri in Metrorrhagia.
 HANDFIELD-JONES, M., M.D. On Cardiac Insufficiency in its Relation to Abortion.
 JOHNSTONE, A. W., M.D. (Danville, U.S.A.) The Mechanics of Puberty.
 LAWRENCE, A. E. Aust, M.D. (Bristol). Notes on Cases of Concealed Post-partum Hemorrhage.
 MADDEN, T. More, M.K.Q.C.P.I. On Some Points in the Treatment of Uterine Cancer.
 NAIK, J. Stuart, Esq. Some Practical Points in the Surgical Treatment of Cancer of the Uterus.
 PLAYFAIR, W. S., M.D. An Estimate of the Value of Electricity in Gynecology.
 ROBERTS, Arthur, M.D. (Keighley). Concealed or Ante-partum Hemorrhage.
 SINCLAIR, W. J., M.D. (Manchester). 1. Vaginal Hysterectomy for Cancer with Notes of Ten Cases. 2. Oophorectomy in the Treatment of Certain Neuroses; with Cases.
 WALTER, Wm., M.D. A Case of Total Extirpation of Uterus for Cancer.

Philosophical Hall.

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., F.R.C.S., 35, Gloucester Place, Hyde Park, W.; Arthur Stopford Underhill, M.D., D.P.H., Great Bridge, Tipton, Staffs.

The following special subjects will be considered in this Section:

1. Medical Officers of Health: their Training, and the Conditions on which they should hold Office. The President of the Section will introduce this subject. Dr. John Brown (Bacup), Mr. D. E. Flinn (Kingstown), Mr. G. E. J. Greene (Ferns), Mr. J. Brindley James (London), and others have promised to read papers or take part in the discussion.

2. Disinfection and Isolation: with special reference to the Control of Epidemics. Dr. C. H. Allfrey (St. Mary Cray) will read a paper on The Management of Infectious Diseases in Hotels. Dr. W. Squire will read a paper on Disinfection and Isolation as necessary to the Control of Epidemics. Dr. C. R. Drysdale (London), Dr. E. W. Hope, and Dr. Joseph Loane (London) will take part in this discussion.

3. Town Refuse: its Treatment and Disposal. Excremental Matter: its Treatment and Disposal by other Methods than that of Sewers. Dr. E. Slade-King (Ilfracombe) will read a paper on Town Refuse: its Collection and Disposal in the Smaller Towns. Dr. M. Greenwood, jun., will read a paper on Dusting in our Large Towns, and will take part in the discussion on Town Refuse: its Treatment and Disposal. Dr. D. E. Flinn (Kingstown), Dr. G. E. J. Greene (Ferns), and others will also take part in this discussion.

4. Diseases and Injuries caused by Special Occupations: with reference to their Prevention. Dr. T. Churton (Leeds), Dr. J. T. Arlidge, Dr. G. E. J. Greene (Ferns), and others will take part in the discussion.

5. Contamination of Drinking-water by Lead: its Causes and Prevention. Dr. Sinclair White (Sheffield) will read a paper on this subject. Dr. John Brown (Bacup) and Dr. T. Churton (Leeds) will take part in this discussion.

The following further papers are announced:

- ARLIDGE, J. T., M.D. (Newcastle-under-Lyme). On Diseases in Some Occupations Produced by Noxious or Poisonous Dusts.
 CHURTON, T., M.D. (Leeds). Results of Twelve Months' Systematic Inquiry into the Sanitary State of the Homes of Hospital In-patients.
 DRYSDALE, C. R., M.D. (London). Class Mortality Statistics.
 FLINN, D. E., F.R.C.S.I. (Kingstown). On the Public Cleansing of Towns viewed in Relation to Public Health.
 JAMES, J. Brindley, M.R.C.S. (London). (1) Town Refuse: its Treatment and Disposal. (2) A Cabinet Minister of Public Health.
 KING, E. Slade, M.O.H. (Great Torrington). Town Refuse; its Collection and Disposal in the Smaller Towns.

Class Room 3, School of Science.

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.

Presidential address, Dr. Hack Tuke, on The Past and Present Provision for Pauper Lunatics in Yorkshire, introducing for discussion the question, Ought the Future Provision for this Class to be on the Same Lines?

Dr. W. W. Ireland will open a discussion on the Double Brain, and the Discordant Action of the Two Hemispheres in Insanity.

Dr. F. Warner, as Secretary of the Committee (appointed at the Glasgow meeting in 1888), will read their report, and introduce a discussion on the Draft Report of the Committee appointed to conduct an Investigation as to the Average Development and Condition of Brain Function among the Children in Primary Schools. Drs. Fletcher Beach, Savage, Ireland, and Shuttlesworth will join in the discussion on Dr. Warner's report.

The following papers are promised:

- BEACH, Fletcher, M.B. Some further facts respecting the Causation of Idiocy and Imbecility.
 BATEMAN, F., M.D. On Hypnotism, with special reference to Certain Experiments at La Salpêtrière.
 BULLEN, F. St. John, M.R.C.S. An Analysis of 1,565 Post-Mortem Examinations of the Brain performed at the Wakefield Asylum during a period of eleven years.
 ROBERTSON, George, M.D. Melancholia from an Evolutionary and Physiological Point of View.
 SAVAGE, G. H., M.D. Massage Treatment of Some Forms of Melancholia.
 SHUTTLESWORTH, G. E., M.D. (1) A Contribution to the Etiology of Idiocy. (2) Remarks on a Series of Idiot Brains.
 VOISIN, Professeur Aug. (of the Salpêtrière). On the Use of Hypnotic Suggestion as a means of Treatment in the Insane, and the Results he has obtained by this Method.
 WIGLESWORTH, J., M.D. Note on Optic Nerve Atrophy Preceding the Mental Symptoms of General Paralysis.

Physics Lecture Room No. 11, School of Science.

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.

A discussion on the subject of Fever will be opened by Dr. T. J. MacLagan. Dr. Gairdner, Dr. Dreschfeld, Dr. Handford, Dr. Broadbent, and Dr. Sims Woodhead will take part in the discussion.

The following further papers are announced:

- BIRCH, De B., M.D. On the Nature of some Pressure Phenomena.
 COPEMAN, S. A. M., M.A. The Detection of Human Blood.
 CROOKE, G. F., M.D. The Histology of Bright's Disease.
 DRUMMOND, D., M.D. The Pathology of Acute Lead Poisoning.
 HANDFORD, H., M.D. Visceral Changes in Enteric Fever.
 HAYCRAFT, J. B., M.D. (Title not received.)
 MOTT, F. W., M.D. The Pathology of Cardiac Failure.
 POPE, F. M., M.D. Case of Thrombosis of Vertebral Artery: Pressure on Glossopharyngeal Nerve: Unilateral Loss of Taste.
 WILLIAMS, Roger, Esq. The Neoplastic Process from an Evolutional Standpoint.
 WOODHEAD, G. Sims, M.D.

The Pathological Museum will be held in the Chemical Laboratory of the Leeds School of Science (Mechanics' Institute). Dr. Beaven Rake will show a series of preparations illustrative of the various lesions of Leprosy.

Class Room 5, School of Science.

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.

Mr. Jonathan Hutchinson will open a discussion on the Treatment of Glaucoma. Messrs. Couper, Frost, Evan Jones, Green, Griffith, Hutchinson, Little, Mackinlay, Macnaughton Jones, Prichard, Scougal, Symptom, Tweedy, Cant, and Lloyd Owen have promised to take part in the discussion.

The following further papers are announced:

- BENSON, A. H., M.B. Pulsating Tumour of Orbit cured by Digital Pressure.
 BERRY, G. A., M.B. St. Petersburg Operation for Entropion and Trichiasis.
 BICKERTON, T. H., M.R.C.S. Criticism of the various Tests for Colour-Blindness, with special reference to the Board of Trade Tests, and further examples of Defective Eyesight occurring in Sailors.
 BRONNER, Adolf, M.D., will show a Hook for Removing Remains of Lens Capsule.
 CANT, W. J., M.R.C.S. A Case of Paralysis of the Right External Rectus Muscle after Injury to the Left Temple (*contre coup*).
 COLLINS, W. J., M.D. The Composition of the Human Lens in Health and in Cataract, and its Bearing upon Operations for the latter.

CROSS, F. Richardson, M.R.C.S. Muscular Advancement.
 EMBRY-JONES, A., M.D. The Value of Galvano-Cautery in the Treatment of Conical Cornea (6 cases).
 FORD, Vernon, M.R.C.S. The Value of Peritomy in Ulcers of the Cornea, etc.
 FROST, W. Adams, F.R.C.S., will show a series of Ophthalmoscopic Drawings thrown on to a Screen.
 HARTLEY, R. N., M.B., will show 1. Modification of Sichel's Knife for Cataract Operations. 2. Cases of Soft Cataract treated by Suction. 3. Cases of Hard Cataract extracted without Iridectomy.
 HERN, John, M.D. Scleritis from Dental Irritation.
 HEWETSON, H. B., M.R.C.S. 1. Series of Cataract Operations without Iridectomy. 2. Series of cases of Interstitial Keratitis treated by Syndectomy.
 JESSOP, W., M.B. Some Experiments on New Drugs.
 JOHNSON, G. L., F.R.C.S. Observations on the Therapeutical Action of the Violet and Ultra-violet Rays of Light on Vision.
 MONEY, Angel, M.D. Sudden Transient Ocular Phenomena in Children.
 MILES, P. H., M.D. Peripheral Neuritis of the Ophthalmic Division of the Fifth Nerve, and its Clinical Bearings.
 SNELL, Simeon, M.R.C.S. Extraction of Cataract without Iridectomy.
 TEALE, T. Prigdin, M.B., F.R.S. Description of the Operation he employs for Extraction of Cataract without Iridectomy.
 THOMPSON, J. T., M.B. 1. A Note on a case of Superficial Keratitis induced by Aniline Violet. 2. Necrosis of Cornea from Contact with Crude Creasote.

Class Room 1, School of Science.

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, F.R.C.S.I., 19, Queen Street, Leeds; Angel Money, M.D., F.R.C.P., 24, Harley Street, Cavendish Square, W.

A discussion on the following subject will take place: The paralysis of the first two years of life. What is the relative frequency of paralysis from brain, cord, and nerve disease? What is the nature of the changes in the centres and nerves? This will probably be opened by the Honorary Medical Secretary. Papers will be read on the various forms of infantile paralysis: spastic paraplegia, congenital chorea, infantile palsy, and diphtheritic paralysis.

Surgical Portion.—Subject for discussion: The Surgical Treatment of the Various Congenital Malformations. Mr. Walsham and Mr. Morgan will take part in the discussion.

The following further papers are announced:

ASHBY, Henry, M.D. A case of Softening of an Infant's Brain due to Vascular Obstruction. Also a case of Acute Polio-myelitis; death six weeks after the Acute Attack. The specimens will be shown.
 BALLANTYNE, J. W., M.B., F.R.C.S. Ed. Sclerema and Edema of the Newborn Infant.
 BARRS, A. G., M.D., will show some Cases illustrative of Palsy in Infants.
 BROWN, John, M.B. (Bacup). Unsuspected Lead-poisoning in Children.
 BURY, Judson S., M.D. On a Case of Microcephalus with Spastic Paralysis, and will show a Specimen.
 CHURCHILL, F. M.D. Hare-lip Operations.
 MORGAN, J. H., F.R.C.S. Congenital Malformations.
 SQUIRE, W., M.D. Cases of Infantile Palsy, Spastic Paraplegia, and Diphtheritic Paralysis in Children.
 SYMPSON, Mansel, M.B. (1) A Case of Cerebral Birth Palsy with Epileptoid Convulsions. (2) A Case of Infantile Palsy, with comments.
 WALSHAM, W. J., F.R.C.S. Ectopia Vesicæ.
 WARNER, F., M.D. The Frequency of Coincidental Defects in Development as seen in Children.

Class Room 2, School of Science.

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*, Greville Macdonald, M.D., 47, Queen Anne Street, Cavendish Square, W.; Barclay J. Baron, M.D., 16, Whiteladies Road, Bristol.

The following subjects are proposed for special discussion:

1. Tonsillitis: its Varieties and Association with Rheumatism.
2. Perichondritis of the Larynx: its Etiology, Pathology, Symptoms, and Treatment.

Dr. R. Hingston Fox and Dr. Barclay J. Baron will take part in the discussions.

The following gentlemen have promised papers on these subjects: Dr. C. W. Haig-Brown, Dr. P. McBride, Dr. G. Macdonald, Dr. David Newman, Dr. Scanes Spicer, and the following will take part in the discussions: Dr. Dundas Grant, Dr. Hodgkinson, Mr. T. Mark Hovell, Dr. C. J. Lewis, Dr. S. Moritz, Dr. G. Hunter Mackenzie, Dr. Scanes Spicer, Mr. G. Eland Stewart, Dr. Archibald Garrod, Dr. Warden, Dr. A. Mantle, and Dr. de Havilland Hall.

The following further papers are announced:

BARON, Barclay J., M.B. A Case of Bilateral Paralysis of Abductors of the Vocal Cords.
 HAILES, W. J., M.D. (Albany, N. Y.). Intubation of the Larynx: 60 Cases; 20 Recoveries, with Instruments.

LAWRENCE, L. H., F.R.C.S. Granular Pharyngitis.
 MACDONALD, Greville, M.D. Empyema of the Maxillary Sinus, with an analysis of twelve cases.
 MACKENZIE, G. Hunter, M.D. Cases of Infraglottic Laryngeal Disease: (1) a Web removed by Laryngotomy; (2) a Growth a Sequel of Acute Laryngitis; (3) Intubation of the Larynx.
 MORITZ, S., M.D. A Case of Acute Rheumatic Bilateral Paralysis of the Abductors of the Vocal Cords.
 MURPHY, James, M.D. A Retractor for Use in Tracheotomy.
 NEWMAN, David, M.D. A Case of Laryngeal Carcinoma complicated by Chronic Pulmonary Tuberculosis, with remarks respecting the rare coincidence of these diseases.
 ROBERTSON, W., M.D. Two Cases of Rhinoscleroma. (With Exhibition of Patients.)
 SPICER, R. H. Scanes, M.D. Throat and Nose Affections in Children as Causes of Functional Nervous Disorders.
 STEWART, G. Eland, M.R.C.S. Tonsillitis as a Cause of Abscess in the Neck.
 STOKER, George, M.K.Q.C.P.I. Laryngitis and Rhinitis in Diabetes.
 ZWAARDEMAKER, H. M.D. (Utrecht). New Olfactometers for estimating Degree of Loss of Smell (shown and described for the author by Dr. Scanes Spicer).

Elementary Division, Mechanics' Institute.

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

The following subjects are proposed for formal discussion:

1. The Causes, Varieties, and Treatment of Osseous Growths of the Ear.
2. The Influence of Diseases of the Nose and Pharynx on Affections of the Middle Ear.
3. The Diagnosis, with special reference to Localisation, of Intracranial Lesions the result of Aural Disease.

The first of these discussions will be opened by the President, Mr. G. P. Field, the second by the Vice-Presidents, Dr. F. M. Pierce and Mr. H. B. Hewetson, and the third by Mr. Cumberbatch and Dr. William Macewen, of Glasgow; Dr. Hughlings Jackson, Dr. Broadbent, Professor Ferrier, and Professor Horsley will probably speak on the latter subject.

The following otologists have also intimated their intention of joining in one or more of the discussions: Clarence J. Blake, M.D. (Boston, U.S.A.), Professor Urban Pritchard, M.D. (London), H. Macnaughton Jones, M.D. (London), J. Dundas Grant, M.D. (London), W. R. H. Stewart, F.R.C.S. Ed. (London), Donald Stewart, M.D. (Nottingham), Dr. Charles Warden (Birmingham), Mr. Lennox Browne, G. J. Mackesy, M.B., W. L. Mackesy, M.B., J. Erskine, M.B. (Glasgow), and Mr. Richard Williams.

The following further papers are announced:

BARR, Thomas, M.D. (Glasgow). On Non-operative Treatment of Aural Exostoses; and will show Sections of Temporal Bones from Cases of Intracranial Disease illustrative of the various directions by which Disease of the Middle Ear may extend to the Interior of the Cranium.
 BRONNER, Adolf, M.D. (Bradford). Notes on the Use of Menthol in the Local Treatment of Diseases of the Middle Ear; and will show (1) a Catheter for the Injection of Fluids, and (2) a Capsule for the Introduction of Vapours into the Middle Ear.
 COUSINS, J. Ward, M.D. (Portsmouth). On a New Antiseptic Ear Drum. (Specimen shown.)
 DALBY, Sir Wm, M.B. (London) and SHEILD, Marmaduke, M.B. (London). On Treatment of Aural Exostoses.
 DAVIS, Henry, M.R.C.S. (London). On the question of Anæsthetics in Operations for Adenoid Growths of the Naso-Pharynx.
 ELLIS, Richard, F.R.C.S. Ed. (Newcastle). On an Osseous Growth of the Auditory Meatus simulating a Foreign Body and Causing Deafness. (Removal with restoration of hearing. Specimen.)
 GUYE, Professor (Amsterdam). On Aprosopia, being the inability to fix the attention, and other allied troubles in the cerebral functions caused by nasal disorders.
 HARTLEY, R. N., M.B. (Leeds). Abscess of Right Temporo-Sphenoidal Lobe following Old Middle Ear Disease. (Trephined and drained: Recovery: Patient shown.)
 HILL, William, M.B. (London). On some Causes of Backwardness and Stupidity in Children; and will show Intranasal Guards for the safer application of Chromic Acid to the Nasal Cavities.
 LEE, Charles G., M.R.C.S. (Liverpool). A case of Cerebral Tumour complicated with Symptoms of Acute Otitis.
 LEES, David B., M.D. (London). On the Connection between Aural Disease and Meningitis in Children.
 MATHESON, Farquhar, M.B. (London). On Some Subject connected with Deaf-Mutism.
 NUNNLEY, John A., M.B. (Leeds).
 POLLITZER, Professor, M.D. (Vienna) (per Mr. G. Stone, Liverpool). On Ossaceous Growths of the Ear. (With specimens.)
 STONE, George, L.R.C.P. & S. Ed. (Liverpool). A Case of Severe Unilateral Tinnitus due to Stricture of the Eustachian Tube cured by Persistent Bougiging.

Class Room 10, School of Science.

K. PHARMACOLOGY AND THERAPEUTICS.—*President*, Sir William Roberts, M.D., F.R.S. *Vice-Presidents*, T. Cranston Charles, M.D.; I. Burney Yeo, M.D. *Honorary Secretaries*, John B. Hel-

lier, M.D., 1, De Grey Terrace, Leeds; Dawson Williams, M.D., 25, Old Burlington Street, W.

The proceedings of the Section will be opened at 10 A.M. on Wednesday, August 14th, by an address by the President on Certain Practical Points in the Use of Antacid Remedies in Dyspepsia and Gravel.

At 10 A.M. a discussion on Hypnotics and Analgesics, with special reference to remedies recently introduced, namely, Paraldehyde, Hypnone, Amylene Hydrate, Methylal, Sulphonal, will be opened by Dr. D. J. Leech, Professor of Therapeutics in the Victoria University, Manchester. Dr. Charteris, Professor of Therapeutics in the University of Glasgow, Sir J. Crichton Browne, Dr. W. H. Broadbent, Dr. Frederick Needham (Gloucester), Dr. Macnaughton Jones, Dr. T. Cranstoun Charles, and Dr. John Gordon (Aberdeen) have signified their intention of taking part in the discussion.

At 10 A.M. on Thursday, August 15th, a discussion on Foods for Invalids and Infants will be introduced by Dr. Burney Yeo; and Dr. Sidney Martin, Dr. E. D. Mapother, Dr. T. Cranstoun Charles, Mr. R. W. Parker, and Dr. S. McBean (Newcastle) will take part in the discussion.

The following papers have been promised:

- CHARLES T. CRANSTOUN, M.D. (London). 1. The Hot-air Treatment of Pulmonary Consumption. 2. Some Cases of Diabetes. 3. Notes on the Use of Paraguay Tea. 4. On Ichthyol.
- CHARTERIS, Professor M., and MACLENNAN, W., M.B. Experimental Research on the General Comparative Action of the Natural and Artificial Salicylic Acids and their Salts of Sodium.
- CROCKER, H. Radcliffe, M.D. On Anthrarobin and the Soziodols in the Treatment of Skin Diseases.
- GORDON, John, M.D. (Aberdeen). On the Pharmacology of Urethane.
- GREENE, G. E. J. (Wexford). Lychinis Pilocuculli in Renal and Vesical Affections.
- HALL, A. M.A., M.D. The Influence of Opium and Morphine on Uric Acid considered with reference to the Action in Health and Disease.
- ILLINGWORTH, C. R., M.D. (Accrington). The Therapeutics of the Biniodide of Mercury.
- MURRAY, W., M.D. (Newcastle-on-Tyne). On the Removal of Renal Calculi by Toxic Doses of Belladonna.
- PEARSE, T. F., M.R.C.P., M.R.C.S. On the Use and Abuse of Soap.
- SOLLY, Samuel E., M.R.C.S., L.S.A. (Colorado Springs). On the Climate of Colorado.
- WOODS, Hugh, M.D. (Highgate). The Oxydides of Calcium and Bismuth.
- YEO, I. Burney, M.D. (London), and SCHETZLE, Arnold, M.D. (Nervi). On the Treatment of Phthisis by Hypodermic Injections of Guaiacol.

N.B.—All gentlemen who, up to the present, have promised papers, have also intimated their intention of taking part in one or other of the discussions.

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.

Honorary Local Treasurer, William Hall, M.R.C.S., Moorham, Headingley.

PROGRAMME OF PROCEEDINGS.

TUESDAY, AUGUST 13TH, 1889.

- 9.30 A.M.—Meeting of 1888-89 Council. Council Room, Mechanics' Institute.
- 11.30 A.M.—First General Meeting. Report of Council. Reports of Committees; and other business. Coliseum.
- 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. Coliseum.

WEDNESDAY, AUGUST 14TH, 1889.

- 9.30 A.M.—Meeting of 1889-90 Council. Council Room, Mechanics' Institute.
- 10 A.M. to 2 P.M.—Sectional Meetings. Mechanics' Institute. Public Medicine. Philosophical Hall.
- 3 P.M.—Second General Meeting. Address in Medicine by J. Hughlings Jackson, M.D., LL.D., F.R.S. Presentation of Stewart Prize to Dr. Klein, F.R.S. Coliseum.
- 4 to 6.30 P.M.—Reception given by Colonel Wilson and the officers 3rd Volunteer Battalion West Yorkshire Regiment to members in the Services at the Carlton Barracks.
- 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. Council Room, Mechanics' Institute.
- 10 A.M. to 2 P.M.—Sectional Meetings. Mechanics' Institute. Public Medicine. Philosophical Hall.
- 3 P.M.—Third General Meeting. Address in Surgery by T. Pridgin Teale, M.A., F.R.S., F.R.C.S. Coliseum.
- 4 to 6.30 P.M.—Garden Party at Gledhow Hall given by Sir James Kitson, Bart.
- 7.30 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. Mechanics' Institute. Public Medicine. Philosophical Hall.
- 3 P.M.—Concluding General Meeting. Address in Psychology by Sir James Crichton Browne, M.D., F.R.S. Coliseum.
- 4 to 6.30 P.M.—Garden Party at Roundhay Mount given by T. R. Jessop, F.R.C.S.
- 4.30 to 6 P.M.—Garden Party at the W.R. Asylum, Wakefield.
- 8 P.M.—Reception and Ball by the Mayor of Leeds in the Town Hall.
- SATURDAY, AUGUST 17TH, 1889.
- 4 P.M.—Garden Party at the Palace, Ripon, given by the Bishop of Ripon and Mrs. Boyd-Carpenter.
- 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 Mechanics' Institute, in which the Sectional meetings are held, and grounds of the Leeds School of Science. 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.) In the Albert Hall.

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.) In the Chemical Laboratory.

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.) In the Chemical Laboratory.

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.) In the Albert Hall.

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 the basement of the Boys' School.

In consequence of the great and increasing cost of these exhibitions, charges will be made to exhibitors (other than members of the medical profession), according to the space occupied.

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.

PROPOSED EXCURSIONS.

1. *The Scarborough Excursion*.—A special train will leave Leeds 9.5 on Saturday morning, August 17th, arriving at Scarborough at 11.15. At 1 P.M. luncheon will be given by the profession of Scarborough to 100 members of the Association. In the afternoon excursions by sea and land will be arranged for; a Garden Party will also be given in honour of the visit of members of the Association. In the evening the grounds of the Cliff Bridge Company will be thrown open to the members and especially illuminated for the occasion. Sunday will be spent as a day of rest, but various small social entertainments will be given. A fee of one guinea will be charged, which will cover all expenses of the excursion, namely: Special train from Leeds to Scarborough, hotel accommodation at two of the best hotels from mid-day on Saturday, August 17th, till mid-day on Monday, August 19th (with the exception of wine). The Cliff Bridge Company will admit members of the Association free to their grounds on the three days,

August 17th, 18th, and 19th. All excursions arranged for during the visit of the Association will be free of expense. Any further particulars with regard to the Scarborough Excursion can be obtained on application to Charles F. Hutchinson, M.D., Honorary Secretary, May Lodge, Scarborough.

2. *The Ilkley and Bolton Abbey Excursion.*—The route of this excursion runs from Leeds in a north-westerly direction, leaving the Midland Station at 9.35 A.M.; it passes by way of Armley, Kirkstall (with a view of the old abbey of that name), and continues along the Airedale Valley to Apperley Bridge.

After passing Kirkstall forge, the vale opens out, showing Calverley to the south and on the north, giving a fine view of the slope of the hill from Rawdon, on which, as prominent objects, stand the Rawdon Convalescent Home (founded, for poor patients, by the late Sir H. W. Ripley, Bart.) and the Rawdon Baptist College. These and the numerous villa residences of Leeds and Bradford merchants, embowered in trees, form a pleasant and striking landscape. Passing Apperley Bridge, the line curves temporarily towards the north, up a steep incline, affording a glimpse of the upper portion of the Airedale Valley, with Shipley and Bradford in the distance; it then enters a wooded and tunnelled portion, curving back to the west and reaching Guiseley; here, and at Ilkley, the members of the excursion will be joined by their entertainers, and the train will proceed along the south side of the Wharfedale Valley, towards Ilkley.

Just before the valley opens there lies, on the south side of the line, the New Menston Lunatic Asylum, to which the Psychological Section intends to pay a visit. Beyond this line divides, one branch turning to the east to Otley, the other pursuing its course to Ilkley and Bolton. In the angle made by this division lies the burial place of the late Right Hon. W. E. Forster. The spot affords a view of the extent of Wharfedale, which, following the course of the river Wharfe from Bolton on the west, runs to where the North Eastern line, on its way to Harrogate, crosses the valley at Arthington, on the east. The dale is one of the most beautiful in Yorkshire, offering at certain points almost unique views, as that at Otley Chevin, Brimham Rocks, and the Cow and Calf. The town of Otley lies at the east end, on the north side of the valley, opposite the Chevin; the village of Burley lies embedded in foliage in the middle of the dale, while Ben Rhydding and Ilkley lie on the cliff or south side of the dale, at the edge of Rumbold's Moor.

The train, proceeding, passes the Burley Station, and at this point on the rising ground of the north of the dale may be seen Denton Hall and Park, formerly the residence of the famous Fairfax, now the seat of Mr. Wyville, J.P.; and, further west, Myddleton Lodge, the home of the Middletons, one of the oldest Yorkshire county families. The ground now rises precipitously to the south, and the first object which strikes the eye is the splendidly situated hydropathic establishment of Ben Rhydding. Further to the west of it are seen the massive rocks called the Cow and Calf, and the Ilkley district opens out, extending almost from the edge of the moor for a mile or more down a gentle slope to the river Wharfe. As the train moves past Ilkley, a good general view will be obtained of its spa establishments and villa residences. The train goes on past the village of Addingham (with Beamsley Beacon behind) till it reaches Bolton Bridge at 10.49; at this station waggonettes will be in readiness to take the party to the Priory and Bolton Woods. Most people have seen the beautiful print of "Bolton Abbey in the Olden Time." The remains of the Priory are charmingly situated, and form a grand adjunct to the restored church. To strangers the history of the structure will be freely afforded by some of the gentlemen accompanying the party. From the Priory the party will be conveyed to Bolton Woods and the Strid in the waggonettes.

The woods and stream will afford their own beautiful commentary; and the romantic story of the "boy of Egremont" checked in his spring across the "Strid" by the leashed hound, and drowned in the torrent; the despair of the mother, "Alice de Romille," and her subsequent founding of the Priory, can all be told on the spot. Time will not afford more than a distant view of "Barden Tower," the home of the Cliffords, and walk through the woods, nor can a visit to the Valley of Desolation, with its waterfall, be risked; but these will scarcely be missed amid the surrounding beauties. The waggonettes will return from the Strid about 12.45 to the Devonshire Hotel, where, if the day be propitious, lunch will be served on the lawn at 1.30 P.M.

The train will leave Bolton Abbey Station at 2.47 P.M. on its return to Ilkley; and here the rest of the day, till dinner-time,

will be spent visiting the points of interest in its immediate precincts. Ilkley and its neighbouring "Rombald's Moor" have their aboriginal and Roman history, with their "Cairns," "Barrows," Roman stations and roads. Monumental relics have been found abundantly, and one is to be seen at the back of the Rose and Crown Inn, and three ancient crosses in Ilkley Churchyard. The old Parish Church will repay a visit. All that the antiquarian will require to indicate the ancient history of Ilkley may be obtained from "Lund's 6d. Guide." Modern Ilkley, as a spa and health resort, as well as Ben Rhydding (which was the first of the large hydropathic establishments in the neighbourhood), owes its celebrity not to any medicinal virtue in its water but to the wonderful purity and abundant supply of that water, and to the charming situation of the place. There is a valuable chalybeate spring at the side of the moor at Heber's Gill, past the Semon Convalescent Home, but this is quite apart from the main "Ilkley Water." This Ilkley water seems specially adapted for drinking and for all such purposes as are comprised under the head of "Hydrotherapy;" hence the abundance of these establishments. All, or a choice number, of these may be visited; from the original "Old White Wells," which everyone will observe high up on the hill side, through the grand structure of Ben Rhydding (Medical Officer, Dr. Johnstone); the palatial Ilkley Wells (Medical Officer, Dr. Scott); the well-known "Craiglands" (Medical Officer, Dr. H. Dobson); the Elizabethan structure, "Troutbeck;" the "Spa" establishment in the Grove, to Rockwood House, Marlborough House, and Stoney Lea. Besides these there is above the Grove, on the slope of the hill, the Ilkley Hospital (Medical Officer, Dr. Johnstone), established in 1829 as the Ilkley Bath Charitable Institution. This institution has from 700 to 800 patients passing through it in a year; these are recommended by subscribers; and it can be said with truth that the simple treatment and capital Ilkley air materially reinvigorates many of them. Another admirable institution, founded by the late Mr. Charles Semon, of Bradford, and bequeathed by him to the town of Bradford, is the Semon Convalescent Home, situated quite on the edge of the moor, south-west above Ilkley, and intended for the convalescent and weakly of the working class, clerks, and warehousemen; the whole charge for board and lodging is 12s. 6d. a week, the extra cost being furnished by the fund left by Mr. C. Semon. The people can wander on the moor at will, and convalescents are carried up from the railway by omnibus. The Home is open to others beside the inhabitants of Bradford. There are a number of hotels at Ilkley, the principal of which are the Middleton, the Crescent, etc.; but the hydropathic establishments also accommodate visitors even for a few days. Between the return arrival of the train at Ilkley and the hour at which the party will dine (5.30 P.M.), beside the places enumerated and the general exploration of Ilkley, if the day is fine, a walk to the "Cow and Calf" (on the way to Ben Rhydding) will yield a magnificent view from those rocks. Also $1\frac{1}{2}$ mile from the station south-south-west, another splendid view is obtained from the "Panorama Rocks." Again, the walk to Myddleton Moor, $1\frac{1}{2}$ mile north over the Ilkley bridge, will afford many interesting views. To any of the party who may prolong their stay over the excursion, the points of interest in the locality are many and varied, as Skipton town and castle, Keighley and Howarth (home of Charlotte Brontë, 14 miles), Denton Park, Otley and the Chevin, Farnley Hall ($2\frac{1}{2}$ miles from Otley, full of interesting historical records), Burley, Harewood House, Harrogate, Ripon, and Fountains Abbey, etc. After dinner, time sufficient will be afforded for a leisurely stroll to the Ilkley station, from which the train will start on its return journey promptly at 8.35 P.M. for Leeds and Bradford.

3. *York, Helmsley, Rievaulx Abbey.*—The party will leave the North Eastern Railway Station (New) at 9.5 A.M., reaching York at 9.45, where they will be met by the representatives of the profession of York, who have hospitably undertaken to entertain the party, and to show them the various objects of interest. The party will be conducted by the Walls to the Mansion-house and Guildhall (with the old municipal plate), by St. William's College, and thence to the Minster, where it is hoped that the Dean will personally conduct the party. St. Mary's Abbey and the Museum Gardens, with the numerous objects of interest, will, it is hoped, be seen under the guidance of Canon Raine. Luncheon will be served at the Station Hotel at 12.45, after which the party will be conveyed by special train to Helmsley. Here carriages will convey them to Rievaulx Terrace, whence, having seen the beautiful view, they will proceed to the Abbey, driving through Duncombe Park to the Home Terrace, and thence by the ruins of Helmsley

Castle to the Black Swan for dinner. The train will leave Helmsley for York in time to catch the night mail from York, and the 9.35 for Leeds.

4. *The Harrogate Excursion.*—The party will proceed by special train from the North Eastern Railway Station (New) about 9 A.M. to Pannal, where they will be met by carriages. The beautiful grounds and rocks of Plumptre, will then be visited, where light refreshment will be provided; afterwards the party will drive to Knaresborough Castle, the Dripping Well, and the caves memorable as connected with Eugene Aram. Thence by Scriven and Ripley Castle to Harrogate. Here the members of the profession in Harrogate will entertain the party at lunch in the New Bath Hospital about 3 P.M., afterwards carriages will be provided, so that places of interest may be visited. Various other entertainments will be organised, and in the evening the houses of the various medical men will be thrown open to visitors, and members can return to Leeds either by the special train, or by one of the numerous trains leaving Harrogate for Leeds in time to catch the night mails. It is expected that many will arrange to stay in Harrogate over the Sunday.

5. *The Brimham Rocks, Fountain Abbey, Studley Royal, and Ripon Excursion.*—Special train will leave the North Eastern Station (New) about 9 A.M. for Nidd Bridge, where carriages will meet the party to convey it by Ripley Castle up the north side of Nidderdale to the fantastic rocks at Brimham; thence to Castlestead, where the party will be entertained at luncheon by Mr. George Metcalfe. After luncheon the party will proceed over the moors to Fountains Abbey and Studley Royal, the grounds being specially laid open by the Marquis of Ripon. Having viewed this, the finest of the Cistercian abbeys, the party will proceed to Ripon, where, having seen the cathedral, they will be received and entertained at the Palace by the Bishop of Ripon and Mrs. Boyd-Carpenter. The train will leave Ripon for Leeds at 8 P.M., reaching Leeds about 9 o'clock.

6. *The Washburn Valley and Farnley Excursion.*—The object of this excursion is to show the waterworks in connection with Leeds, the beautiful scenery of the Mid-Warfe and Washburn Valleys, and the unique collection of Turner paintings at Farnley Hall. The whole journey will be by carriage. The party will first be conducted to Adel Church, when the Rector will show this most perfect specimen of Norman architecture; thence past Cresseld by Arthington and Port Bridge, through the picturesque village of Leathley, with its old church and village stocks, through Ludley Wood to the Reservoir, where Messrs. Greenwood and Batley will show some interesting torpedo experiments. The party will then proceed over Norwood Edge, whence a splendid view of the whole valley can be obtained by Swinsty Reservoir to Fawcett (the Sinking Village). Here lunch will be provided by the Chairman of the Leeds Waterworks Committee, Mr. Alderman Woodhouse. The party will then drive by Snowdon Moors to Farnley Hall, the seat of Mr. Ayscough Fawkes, who has kindly consented to exhibit his unrivalled collection of paintings by J. M. W. Turner, as well as his Cromwellian relics. Thence to Otley, where dinner will be served at the White Horse Hotel, the party reaching Leeds in time for the night mails.

7. *Malham Cove, Gordale Scar, and Settle.*—The object of this excursion is to show the remarkable scenery produced by the Great Craven Fault in the Mountain Limestone, one of the grandest examples in England. A special train will leave the Midland station about 9 A.M., reaching Bell Busk about 10.20 A.M. Here carriages will be waiting to convey the party by Calton Hall, the birthplace of General Lambert, and Kirkby Malham, with its interesting church and registers, to Gordale Scar, described by Wordsworth as "one of the grandest objects in Nature." The party, having been refreshed at a farmhouse, will divide into two, the more adventurous going over the cliffs to Malham Cove, where they will meet the party who have driven round. Having viewed this magnificent amphitheatre of rocks, the party will return to Kirkby Malham, and will here again divide. The lighter carriages, with those who prefer a walk with an ascent of 700 feet, will go over Highside, where a magnificent view of both Airedale and Ribblesdale can be obtained; thence by Scaleber Force to the Ashfield Hotel at Settle, where, being joined by the other party, who have driven round by Otterburn and Long Preston, dinner will be served. After dinner they will drive up Ribblesdale to Great Stainforth Force, returning by Giggleswick, where may be seen the ebbing and flowing well, and the Royal Victoria Cave Remains in the museum at the school. They will then return by Settle to Leeds, which will be reached about 9 P.M.

8. It has now been decided that Hull may be included in the range of places to which special return tickets may be issued from Leeds at a single fare for the double journey during the time that the Association is staying at Leeds.

The fee for each of the above excursions will be 10s. 6d., except in the case of the Scarborough excursion, for which one guinea will be charged. All applications for tickets, with remittance, to be made to me. Tickets will be sent August 1st.

CHARLES M. CHADWICK, Honorary Secretary,
Excursions Subcommittee.

RAILWAY TICKETS.

Members of the Association, on application at the booking office at Leeds, and on production of their cards of membership, can have issued to them return tickets at single fares, available from Leeds to any station within a radius of fifty miles. The same facilities will be afforded to ladies accompanying members if they require to do so. Periodical tickets (first class) to Harrogate or Ilkley, available for seven days, will be issued to members of the Association at a charge of 10s. each on production of the voucher above named. These facilities will apply strictly to Leeds, and there will be no reduction in the fares charged to the members of the Association on their journey to Leeds for the meeting. Similar facilities will not be extended to Hull.

CARDS OF MEMBERSHIP.

The cards of membership can be obtained on personal application at the Reception Room and Reading Room of the Mechanics' Institute, Leeds, on Monday, when it will be opened from 12 noon till 8 o'clock, and the other days of the meeting from 9 o'clock till 6 o'clock.

NOTICES OF MOTION.

Mr. RIVINGTON gives notice that he will move, on the reading of the report of the Council:

That it is the opinion of this meeting that the Members of the Royal College of Surgeons 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, and that it be an instruction to the Council to further this object through the action of the Parliamentary Bills Committee, or such other as they may appoint for the purpose.

Dr. EDWIN RICKARDS hereby gives notice that, at the Annual Meeting to be held at Leeds in August next, he will move:

That it be a recommendation to the Council of the British Medical Association that a decennial index of the contents of the BRITISH MEDICAL JOURNAL from its commencement up to the present time be made, and that in future, in addition to the annual index, a quinquennial one be issued.

Mr. J. BRINDLEY JAMES will move:

That the British Medical Association shall give active support and assistance to any scheme that has in view the establishment of hospital co-operation with a view to the better conducting of the out-patient department of our general hospitals, raising thereby the standard of hospital practice and extinguishing the *raison d'être* of so-called provident dispensaries and open surgeries, thus enabling general practitioners to gain an honourable livelihood.

Dr. OGILVIE GRANT gives notice that at the first evening general meeting at Leeds he will move:

That the travelling expenses of representatives of Branches incurred in attending meetings of the Council in London be defrayed out of the funds of the Association.

Dr. RENTOUL gives notice that he will move:

That, recognising the fact that there is an abuse of the out-patient department of our medical charities, this meeting of the British Medical Association resolves:

1. That medical practitioners and the managers of our medical charities in the various towns and cities meet together and decide who are eligible for out-patient medical aid. This meeting suggests that the following "wage limit" be adopted.—When a man and wife make 25s. per week and over, or a single person 20s. per week and over, that these shall be ineligible for out-patient treatment at the medical charities—except in cases of accident—and that those earning a similar rate of wage be ineligible for "home visits;" that is, visits paid by the staff of the medical charities to sick persons at the patient's home. Further, that either the Manchester system of checking abuse, or that used at the London, and St. Bartholomew's Hospitals be put into force, but that preference be given to the plan used in Manchester.

2. In order that those who shall be excluded from the out-patient department of our medical charities (by the working of the previous resolution) may have the means of obtaining immediate and efficient medical, surgical, and dental treatment, and medicines, this meeting resolves, that a Public Medical Service—such as that suggested in the JOURNAL of June 22nd, 1889—be formed, and that this service embrace those wage-earners who are making under 45s. per week per family, and single persons under 30s. per week. And that the medical practitioners, dental surgeons, chemists, and hospital managers be requested to bring about this hospital reform, and establish a Public Medical Service with as little delay as possible.

3. That having secured hospital co-operation, and having established a Public Medical Service, the members of this Association appoint a Committee, com-

posed of two representatives elected by each Branch, and that this Committee draw up a series of rules for the formation and working of a provident system, whereby wage-earners receiving up to 45s. per week per family, and single persons 30s. per week, may, by making periodic payments during health and sickness, provide themselves, their wives, and children with efficient medical and surgical treatment, and medicines.

4. That the principle of a "wage limit" be adopted, and worked by friendly societies, tontines, and sick insurance companies; or that a "sliding scale" of payments be made to their medical practitioners, so that the present abuses may be rectified. This scale of payments to be drawn up by the Committee constituted as by Resolution 3. This meeting suggests that the minimum medical fee paid by such sick clubs shall be 6s. per annum, per member; that the person proposed for membership pay a fee of 3s. 6d. for the medical examination (whether admitted to membership or not) to the practitioner who so examines; that the sum of 1s. be paid for each certificate to the practitioner by the person who obtains it; and that the sum of 8d. be paid for each prescription dispensed. This meeting earnestly requests the various authorities of friendly societies, tontines, and sick insurance companies, to make provision for surgical and dental treatment, and to draw up a scale of fees for the same, so that they may not be depending on the medical charities for relief.

5. That this meeting, recognising the fact that there are a great number of beds in the Poor-law infirmaries (there being no less than 12,000 in 25 metropolitan Poor-law infirmaries), and many in the various fever hospitals at present unused for the clinical teaching of students, and giving due weight to the statement made in the Metropolitan Asylums Board Report of 1889, page 18, that: "Your Committee cannot fail to observe the large proportion of mistakes which are made in the diagnoses of cases of small-pox and fever," desire to express their regret that the Poor-law infirmaries and fever hospitals are not open for the clinical instruction of medical students, and hope that the various authorities will direct their attention to the removal of the present restrictions, so that the educational standard may be improved, it being essential to the health of cities and towns that medical practitioners may be able to recognise fever cases at the earliest possible period.

6. That the Council and JOURNAL of the Association help in every legitimate way to bring the above resolutions to a successful issue.

FRANCIS FOWKE,

Thursday, July 11th.

General Secretary.

CORRESPONDENCE.

VOTING PAPERS AT THE COLLEGE ELECTIONS.

SIR,—In connection with Mr. Lawson Tait's very reasonable proposal that, at the election of Councillors of the Royal College of Surgeons of England, a voting paper should be sent unasked to every Fellow with the list of candidates, it may be of interest to record the following circumstance: On July 6th, I addressed a letter to the Council, suggesting that this should be done both for the convenience of the Fellows and the saving of expenditure; and, further, that the voting papers should be returnable up to ten o'clock on the day of election, as there did not appear to be any real necessity for the deduction of forty-eight hours from the Fellows who might wish to record their votes through the post. Although the fact is not ascertainable from the published minutes, my letter was submitted to the Council on July 11th; and Mr. Trimmer was desired to acquaint me that "the points which I raised were fully considered by the Council when application was made for the by-laws by which the present mode of election is governed." The restrictions imposed by these by-laws are peculiar to the College. In the election of the representatives of the profession in the General Medical Council, voting papers are sent, as a matter of course, to every registered practitioner; and, at the sister College in Dublin, voting papers are sent unasked to every Fellow whose address is known.—I am, etc.,

Finsbury Square, July 22nd.

WALTER RIVINGTON.

MEDICAL DEFENCE.

SIR,—Actions against medical men show a disposition just now to become epidemic. The JOURNAL of July 20th contains notices of three cases, criminal or civil, in which practitioners play the chief parts. In East Anglia, a case has just been decided against a surgeon. Damages were assessed at £250 with costs, which will amount to another £250 or thereabout.

The object we have in addressing you is once more to point out, that from our standpoint at any rate, repeated appeals to the charity of their professional brethren to reimburse medical men for legal costs is as anachronous as would be an appeal for assistance by a man who had omitted to insure his house against fire, and which had been burnt down.

The Medical Defence Union is an institution managed on insurance principles, by medical men for medical men. Its executive is subject to annual election. Its officers are honorary. It has a membership of 500 odd, which is daily increasing; an annual

income of £250, a good balance at the bank, and a guarantee fund of £662, which never has been touched, and is not likely to be. Apart from the financial soundness of the union, the moral support which it gives to assailed medical men is enormous; and as its machinery can be put into motion at any moment by the emergency committee, it may, and has crushed attempts at blackmailing in the bud. It is needless to say, its policy is to help its members, and this it has done effectively in many instances. There can be no doubt that the scope of influence of the Medical Defence Union should be conterminous with the British Medical Association, and this is the object for which we sincerely hope and labour.—We are, etc.,

Birmingham. LESLIE PHILLIPS, M.D. }

Hon. Secs.,

A. GEORGE BATEMAN. } Medical Defence Union.

P.S.—It may be well to state the information that by our articles of association the union cannot defend any action the cause of which commenced prior to the date of membership.

PILOCARPINE IN DEAFNESS.

SIR,—I have been interested to see Dr. Woodhouse's report of some cases in which he has unsuccessfully tried pilocarpine injections for the relief of deafness. Dr. Woodhouse wrote to me some time ago on this subject; I gave him the desired information, but have heard nothing further from him until I saw his paper in the JOURNAL last week. I certainly did not recommend that this treatment should be adopted almost exclusively in old people over 60 years of age.

I did not for a moment maintain that every deaf patient taken at haphazard will derive benefit, for in those cases I selected as likely to improve I pointed out many failures, as well as some successes. Dr. Woodhouse submitted five cases to this treatment, no less than four of which were 60 years of age or over.

Professor Politzer, who first brought pilocarpine injections for deafness under the notice of the profession, has long taught that it is of little use in elderly persons, and he makes it almost a rule never to prescribe it in patients over 60 years of age, who have been gradually getting deaf, and in whom senile changes may be reasonably suspected. I do not think any aurist would have expected very favourable results from the injection treatment in Dr. Woodhouse's first four cases. The fifth case was more promising, and in such a one I have often continued the treatment for six weeks with ultimate improvement.

I would ask the profession to suspend their judgment for a time on this question, as to the efficacy of pilocarpine injections in labyrinthine disease, and even in chronic catarrh of the middle ear without Eustachian obstruction. I have had more successes than failures in my own selected cases, and I am continually hearing of encouraging results from others.

I am sorry I did not lay sufficient stress on senility as an obvious counter-indication in my paper to the JOURNAL, though it was referred to in the section I edit for the *Year Book of Treatment*, 1889.—I am, etc.,

GEORGE P. FIELD.

Wimpole Street, July 24th.

P.S.—The following cases speak for themselves:

1. A medical man consulted me some time ago, and said he was so deaf that he was afraid he must give up practice. I suggested he should try pilocarpine injections for six weeks. He now writes (July 7th): "I used the nightly injection for six weeks, with almost a complete cure; you cannot think how thankful I am for the restoration of my hearing."

2. A lady, aged 34, very deaf for fifteen years, writes: "I am glad to say I have received much benefit from your treatment. I can now hear general conversation and take part in it; I can also hear musical instruments playing in the streets and the minister speaking from the pulpit, and also have less noise in my ears."

3. A lady who had been deaf for seventeen years, unable to hear without a trumpet, writes: "On the first day I was injected I was unable to hear a watch or clock tick. On the ninth day, noticed sound in my own voice; on fifteenth day, could hear my own watch tick for the first time for eight years; twenty-second day, noticed immense improvement, heard bells, knocks, watch two inches distant from right ear, and faintly at left; fiftieth day, continued improvement; fifty-seventh day, heard sermon with trumpet; sixty-fourth day, heard sermon without trumpet." She remarks on the general result: "Immense improvement in hearing; can now hear all the clocks in the house tick. Much easier to maintain conversation with one person. Much more conscious of sounds in the house."

bringing disgrace on the profession. Yet these dispensaries are not as cheap as some of our hospitals. A truce, then, to cant and rant, and let each man stick to the truth; for if we cannot practise honesty for the love of it, let us carry it out as "the best policy."

I wish to further prove the necessity of having a Public Medical Service. According to the last census the population of the United Kingdom was about 36,000,000. It is calculated that out of these human beings, 1 in every 5 is a breadwinner—that is to say, there are more than 7,000,000 heads of families; out of this 36,000,000 fully 30,000,000 are depending on incomes of less than £3 a week, or £150 per annum, so the income tax returns show. Are these people able to pay the usual medical fees of 3s. 6d. to 5s. and for medicines also?

Again, Sir James Paget, with the aid of Mr. Sutton, actuary to the Registry of Friendly Societies, has shown that the 7,375,874 males between the ages of 15 and 65 suffered 9,692,505 weeks' sickness, or on an average of 1.314 weeks each; while 7,941,330 women between the same ages suffered 10,592,761 weeks' illness, or 1.334 weeks each.

The last census returns showed that there were 5,772,092 males between the ages of 15 and 65 tabulated under the headings of "Domestic," "Agricultural," and "Industrial," and 2,877,176 females under the same headings. Can these 8,649,259 men and women of the industrial classes pay the usual medical fees, more especially when reduced by sickness? And it is to be carefully remembered that I am speaking of those between the ages of 15 and 65; for if one included those below 15 and above 65 the sick rate would be enormous, and therefore calling for more urgent action.

It is proposed that the resolutions printed on page 219 of the JOURNAL be discussed at the annual meeting of our Association at Leeds, and, if thought worthy, to be passed.

I ask that those who approve of these, or any of the resolutions, will send me a postcard, with name and address, stating that they support them. I shall then, if in order, forward such list to the JOURNAL for publication.—I am, etc.,

Liverpool.

ROBERT R. RENTOUL.

ALL SAINTS' CONVALESCENT HOSPITAL, EASTBOURNE. THE Duchess of Albany laid, on July 19th, at Eastbourne, the foundation stone of a new children's hospital, which is to be added to the All Saints' Convalescent Home. The building will be erected at a cost of £2,000 and afford accommodation for 130 patients.

MEDICO-PARLIAMENTARY.

HOUSE OF COMMONS.—Thursday, July 18th.

Rabies and Hydrophobia.—MR. MATTHEWS, in reply to Dr. FARQUHARSON said that the bite or scratch of a rabid cat could convey hydrophobia, but happily cases of rabies in cats were comparatively rare, it was not practicable to muzzle cats; and, in answer to Lord H. BRUCE, said he had no information as to the alleged defect in the wire muzzles in use. It would be beyond the province of Government to appoint a committee of sportsmen to investigate the subject. There was nothing to prevent a private inquiry being made.

Friday, July 19th.

The Burgh Police and Health (Scotland) Bill.—MR. W. H. SMITH, questioned by Mr. ESSELMONT, said he could not enter into any engagement to again introduce the above Bill next session.

Roburite.—MR. MATTHEWS, in reply to Mr. J. S. BALFOUR, said there was a growing use of roburite in the Lancashire collieries, which was a useful explosive, and practically safe for use in fiery mines. He gathered from newspaper reports that its use had been condemned by miners as injurious to health. The result of an inquiry by a committee of experts was that with proper care the use of roburite would not add to the harmful conditions under which the miner worked. Means were being devised for removing the fumes by ventilation before persons re-entered, and for keeping persons out of the returning air. Under these circumstances he did not consider any further inquiry at present desirable.

Amending Bills.—MR. RITCHIE introduced a Bill, which was read a first time, to amend the law respecting children in workhouses, and respecting the borrowing of money by guardians and managers of district schools, and respecting the managers of the Metropolitan Asylums District.

Monday, July 22nd.

Muzzling of Dogs.—MR. MATTHEWS, in reply to Mr. LAWSON, said that under section 41 of the Animals Diseases Act, 1878, and section 40 of the Local Government Act, 1888, the London County Council were the local authority in the metropolis by whom and at whose expense the muzzling order issued by the Privy Council had to be executed and enforced.—MR. W. H. SMITH, replying to Mr. MORRIS, said the order of the Privy Council applied to the City of London and to the district of the Metropolitan Police. The police had power under the order to seize and detain stray dogs, but the power to destroy (which was under

the Metropolitan Streets Act, 1867, and not under the Order in Council) extended only to the county of London. It was not contemplated at present to issue a general order for the whole country.

The Local Government (Scotland) Bill.—On Clause 17, which deals with the transfer of the powers of parochial boards under the Public Health Act, and gives a right of appeal from a district committee to the County Councils in certain cases, the LORD ADVOCATE moved to insert the following amendment: "But the power of appeal hereby given shall not apply to any order for the removal of a nuisance; and nothing in this Act contained shall affect or prejudice any proceedings to enforce the provisions of the Public Health Acts, save only that when necessary such proceedings shall be taken by or against the district committee instead of against the parochial board as local authority under the said Acts." He said it was meant to apply to a case where great promptitude was required, and to obviate the delay which an appeal would involve.—DR. CLARK moved to insert after the word "nuisance," "dangerous to public health."—THE LORD ADVOCATE deprecated anything which would tend to detract from the stringency of the law of public health which the suggested amendment would do.—THE LORD ADVOCATE'S amendment was agreed to, the other being withdrawn.—MR. CALDWELL moved to insert the following amendment: "The medical officer or the sanitary inspector of the county or district may appeal to the County Council from any order made or refusal to make any order by a district committee, and the County Council may review, confirm, vary, alter, or rescind such determination or order, or may make an order under the Public Health Acts." This was agreed to.—MR. CALDWELL moved an amendment in Clause 17, to provide that the medical officer or sanitary inspector should hold office at the pleasure of the County Council.—THE LORD ADVOCATE said he could not accept the amendment, which raised a point of serious importance. They were dealing with the existing machinery of the public health system, and he held that it was of vital importance that there should be that amount of independence in the medical officers and sanitary inspectors as would give them the consciousness that, unpopular and invidious as their duties must often be, they would not be subject to dismissal merely on the ground of the unpopularity of their proceedings. He therefore strongly deprecated their risking the system of enforcement of their sanitary laws, which they all agreed were too laxly administered in Scotland, by weakening the sense of independence in those officers.—DR. FARQUHARSON concurred, and said it was of paramount importance that those medical officers should be so entirely independent of local feeling and local prejudice as to be able to do their duty without any fear of possible danger to themselves from faithfully performing it.—THE amendment was negatived.

Tuesday, July 23rd.

Bad Meat under an Army Contract.—MR. E. STANHOPE, in reply to Mr. HANBURY, said that Captain Stackpole, an officer of the Army Service Corps, whose duties included the inspection of meat supplied to troops, for which he had been specially instructed, had inspected the meat supplied to the troops of the 3rd Battalion York and Lancaster Regiment on July 16th, and rejected it; but his power did not extend to its destruction. The contractor, Mr. Summers Gill, of Carleton, Pontefract, as to whom action would be taken when a report was received from the general officer commanding, had held nine contracts for the supply of meat.

Wednesday, July 24th.

Poor-Law Bill.—This Bill was read a second time.
Local Government (Scotland) Bill.—The consideration of this Bill, as amended, was resumed, and the Bill was read a third time.

Scottish Universities Bill.—A prolonged discussion again ensued with regard to the constitution of the University Commission. After Sir W. Thomson had been added to the Commission, Mr. HUNTER moved that the further proceedings be postponed in order to renew his protest against the composition of the Commission. In the end he withdrew his motion, after which the remaining names, moved by the LORD ADVOCATE, were added to the Commission, namely: Mr. S. H. Butcher, Mr. P. H. Watson, and Mr. F. Fuller.—DR. FARQUHARSON then proposed to add the name of Professor Bain, but this was rejected by 179 to 143; and a proposal by Dr. Farquharson to add the name of Dr. Bruce, which was opposed by Mr. CAMPBELL-BANNERMAN and Dr. CLARK, was negatived without a division.—Some other amendments were discussed, and Clause 14 was under consideration when the further proceedings were postponed until the following day.

UNIVERSITY INTELLIGENCE.

OXFORD.

THE following are the pass-lists for the recent M.B. examinations:

Final M.B., B.Ch.—C. Bowes, New College; W. H. Davis, University College; A. Evans, Exeter College; E. A. Edelstein, New College; R. A. Farrar, Keble College; J. Gordon, New College; J. G. Ogle, Keble College; G. H. Pennell, Lincoln College; B. M. Rogers, Exeter College; G. J. Schorstein, Christ Church; A. B. Stevens, Brasenose College.

Materia Medica, Final M.B.—A. F. Bill, Brasenose College; A. Butler-Harris, Trinity College; J. G. Fairbairn, Magdalen; G. W. Farmer, Balliol College; H. R. Hickman, Christ Church; J. L. Jenner, Trinity College; G. Jones, Oriel College; M. Monier-Williams, Christ Church; H. A. Munro, New College; W. Overend, Keble College; L. E. Parkhurst, Jesus College; L. S. Partridge, Magdalen College; R. Porter, Pembroke College; E. A. Saunders, St. John's College; W. J. Turrell, Turrell's Hall; H. R. Welsh, Trinity College; W. H. Wilson, Keble College; E. T. Withington, Balliol College.

Anatomy and Physiology, 2nd M.B.—B. G. Baskett, Queen's College; J. F. Broadbent, Magdalen College; H. R. Brown, Keble College; A. Campbell, Hertford College; R. K. Ellis, Magdalen College; G. P. Glynn, New College; L. E. Parkhurst, Jesus College; H. Romer, Christ Church; D. Shearer, New College; E. H. Cartwright, Exeter College; W. Overend, Keble College; G. E. Pritchard, Hertford College; W. H. Wilson, Keble College.

Organic Chemistry, 2nd M.B.—B. Baskett, Queen's College; A. F. Bill, Brasenose College; J. F. Broadbent, Magdalen College; A. Butler-Harris, Trinity College; N. Elrington, Wadham College; J. Fairbairn, Mag-

dalen College; H. Hickman, Christ Church; J. L. Jenner, Trinity College; L. Partridge, Magdalen College; R. Porter, Pembroke College; W. Ramsden, Keble College; E. A. Saunders, St. John's College; F. Walton, Keble College; F. Woolcot, Queen's College.

CAMBRIDGE.

CAVENDISH COLLEGE.—The success of the students of this College in the recent examinations for medical and surgical degrees having been very marked, Mr. Griffiths has been reappointed Medical Tutor, so that the students will again have the advantage of his close personal supervision.

ROYAL UNIVERSITY OF IRELAND.

FIRST EXAMINATION IN MEDICINE.—The examiners have recommended that the following should be adjudged to have passed this examination.

Upper Pass Division.—T. J. Connolly, Queen's College, Galway; M. L. Dobbie, University College, London; W. D. Donnan, Queen's College, Belfast; H. Fisher, Queen's College, Belfast; A. Jamison, M.A., Queen's College, Belfast; J. B. Johnson, Queen's College, Belfast; A. F. McMurtry, Queen's College, Belfast; R. A. Parkhill, Queen's College, Belfast; W. A. Rountree, Queen's College, Cork; J. C. Rowan, Queen's College, Belfast; W. J. Woods, Queen's College, Belfast.

All the above candidates may proceed to the further examinations for honours:

Passed.—J. J. Ahern, Queen's College, Cork; M. H. Aicken, Queen's College, Belfast; M. L. N. Atkins, Queen's College, Cork; Eliza G. Bell, Royal College of Science, Dublin; C. Blue, Queen's College, Belfast; J. A. Clements, Queen's College, Galway; J. Colville, B.A., Queen's College, Belfast; J. S. Dick, Queen's College, Belfast; V. G. L. Fielden, Queen's College, Belfast; T. W. Fitzpatrick, Catholic University School of Medicine; I. J. Flynn, University College, Dublin; A. Fulton, B.A., Queen's College, Belfast; T. T. McKendry, B.A., Queen's College, Cork; J. McMullen, Queen's College, Belfast; J. Mathewson, Queen's College, Belfast; W. B. Norcott, Queen's College, Cork; A. A. Peel, Queen's College, Belfast; H. Reid, Queen's College, Belfast; J. Reid, Queen's College, Cork; L. F. Rowan, Catholic University School of Medicine and Royal College of Science; W. Scott, Queen's College, Cork; J. Shine, University College, Dublin; A. A. Stewart, Queen's College, Belfast.

Diploma in sanitary science:
J. G. Deacon, M.D.; R. L. Heard, M.B.

OBITUARY.

CHARLES METZGAR, F.R.C.S.

THE news of the unexpected death of Mr. Charles Metzgar at the early age of 25 years will come as a painful shock to his very large circle of friends.

Mr. Metzgar was born at Kingston, Jamaica, in 1863. He received his early education at Dulwich College; he came up to Guy's Hospital in 1881, and during his career there he took especial interest in surgery. Having taken the F.R.C.S. in 1888 he held the post of house-surgeon, and left his old school early in this year to accompany a shooting party in South Africa. Fond of sport from boyish days, comfortably off, and able to take life easily, he had previously joined shooting parties in Austria, and now looked forward with keen zest to his African trip. It is a grievous fact to his many friends that this proved an entire failure. He returned to England much disappointed and cast down on June 23rd, and it is believed that the illness which brought his promising career to so untimely an end was contracted on the homeward voyage. He had been feeling ill and depressed for some days before landing. On July 4th, feeling much worse, he took to his bed, and was seen by Dr. Taylor and Dr. Washbourn, who continued to attend him throughout the illness, which proved to be typhoid fever. Weakness of the pulse was noticed throughout, and the disease proved fatal on July 10th.

His kindly and genial temper, his character eminently manly and straightforward, greatly endeared him to all with whom he was brought into contact, and his sudden death is very keenly felt by his many friends at Guy's and elsewhere.

The funeral took place on July 13th at Christ Church, Forest Hill, those around the grave including some of the staff and many of the students of his hospital.

THE SMOKE NUISANCE.—There were last year only 49 convictions under the Smoke Nuisance Acts. The Commission explains that the fines usually inflicted (which average £3 18s. 7d.) are too small to operate as a deterrent to the use of improper ovens, or even to induce the parties to burn non-bituminous coal.

INDIA AND THE COLONIES.

INDIA.

DEFECTIVE ORGANISATION OF SEPOY HOSPITALS.

SURGEON G. M. J. GILES, M.B., I.M.S. (Koolhungabad) writes: In the *JOURNAL* of June 8th, 1889, is a short note on the defective organisation of Sepoy hospitals, which contains certain quite undeserved strictures on the action of the Indian Government. In point of fact, infantry hospitals have a cook paid by Government, and it is only in cavalry hospitals that one is not provided. Even, however, where a cook is found, he is of little good. The caste question is by no means so simple as you appear to think, for it is quite a mistake to imagine that any man will eat food prepared by a man of a higher caste. There are many low castes which will not accept food even from a Brahmin.

Again, many of our Sepoys will eat meat, and the possibility of prescribing soup is of immense advantage in the treatment of cases occurring among them; but a Brahmin cook would not on any account touch such food, much less cook it. It is, of course, quite impossible for Government to make anything but general rules, but I am sure that if anything were practicable, it would be done by that invaluable agent regimental enterprise. Generally nothing can be done, but where it can be it usually is done; for example, in a certain frontier cavalry regiment to which I once had the honour to belong, the men were, practically speaking, all either Mahomedans or Sikhs, which latter caste is particularly liberal in its ideas, and bears somewhat the same relation to orthodox Hinduism that Unitarianism does to the older Catholic churches. The question being thus usually simple was easily met. Two cooks, one a Mahomedan and the other a Sikh, were appointed and paid from a regimental fund. The two men were carefully instructed under the eye of the surgeon in the mess-kitchen, how to prepare good nourishing soup, and other invalid dishes, and the result was, I am sure, the saving of many lives every year. That something of this kind is not more often done, is simply owing to the fact that in nine regiments out of ten it is utterly impracticable.

CANADA.

At the annual session of the American Medical Association Sir James Grant, M.D., of Ottawa, Canada, delivered an interesting address, in the course of which he referred to the recent advances in the status and organisation of the medical profession in Canada. He observed that in the Commons of Canada there were at least fifteen to twenty medical men, and in the Senate also quite a number of members of the medical profession. In the local provincial parliaments the medical profession was ably represented. Thus they had been enabled to guide and direct public opinion towards the important question of medical education. Having been upwards of twenty-two years consecutively in the medical council of Ontario he had had opportunities of observing the importance of a high standard of preliminary education and subsequent academic study. The local parliament of Ontario passed a Bill for the formation of a council, giving it the power to appoint examiners in medicine, irrespective of the teaching bodies, and thus guard the portals of entrance into the medical profession. Prior to this time the entrance of homœopathists and eclectics into the profession was very considerable, but now that matters had been placed on a uniform basis of examination, except in special subjects such as homœopathy and eclectic materia medica, they found that this elevated standard had improved very materially the entire status of their profession; in fact, to-day there were very few graduating homœopathists or eclectics compared to the regular profession, greatly brought about by the introduction of the elevated standard of medical education.

PUBLIC HEALTH

AND

POOR-LAW MEDICAL SERVICES.

MEDICAL OFFICERS OF HEALTH AS MAGISTRATES.

THE York City Council have objected to the appointment of Mr. S. W. North, medical officer of health, as one of the city magistrates, on the ground that as medical officer of health it would sometimes be his duty to give evidence in cases heard before the city Bench. Mr. North's appointment would have been a popular one.

FEEES FOR LUNACY CERTIFICATES.

A MEMBER asks what fee a poor-law medical officer is entitled to for lunacy certificates otherwise than under a magistrate's order, "both for lunatics in a workhouse and outside," there being no contract as to certificates; and, in the event of the guardians refusing a fee, "how can it be recovered?"

. The case is very imperfectly stated; many different forms of lunacy certificates are occasionally required. Lunatics in a workhouse are of necessity paupers, or must be treated as such; lunatics outside a workhouse are not necessarily paupers. We suppose, however, the question has reference only to the statutory form of medical certificate which enables pauper

lunatics to be sent to an asylum under 16 and 17 Vict. c. 97, Schedule F. There is a provision by Clause 104 in the same Act, which enables guardians or overseers who would be liable under this Act to have an order made upon them for the payment of any money to pay the same without any such order. It is evident, therefore, that the guardians can pay without the magistrate's order, and we know they very frequently do so. By a previous (and curious) clause in the same Act, though the magistrates are compelled to call to their assistance a medical practitioner, they are not compelled to order a fee to be paid him for the assistance rendered, but have the power to do so if they think fit. The medical practitioner thus called in is consequently quite at the mercy of the magistrates to whom he renders professional assistance. Should the magistrates decline to make the order for payment, and should the guardians refuse to pay without the order, we apprehend no fee could be recovered, except under contract with the guardians, or unless the certificate was given in accordance with a resolution of the Board, or by written order of the relieving officer or overseer. The amount of fee is not fixed, but is usually is one guinea.

MEDICAL NEWS.

MEDICAL MAGISTRATE.—Mr. Henry Studd Fletcher, M.R.C.S.E., of Lydbrooke, Gloucestershire, has been appointed a Justice of the Peace for that county.

VACCINATION.—It is stated that in India it is intended gradually to cease using lymph taken from human subjects, and to depend solely upon calf lymph.

EXAMINING BOARD IN ENGLAND BY THE ROYAL COLLEGES OF PHYSICIANS AND SURGEONS.—The following gentlemen having passed the necessary examinations of the Board received the Diploma in Public Health at a meeting of the Royal College of Physicians on July 25th:

Name.	Qualification.	Medical School.	Address.
Bevan, Richard	L.R.C.P. & M.R.C.S.	Guy's	Cobb's Hall, Lydd.
Bond, Frederick	M.D. Edin.	Edinburgh	Rastrick, Yorkshire.
Fielding			
Bulstrode, Herbert	M.D. Camb., L.R.C.P.	St. Thomas's	134, York Road, Lambeth, S.E.
Timbrell	M.R.C.S.		
Copeman, Sydney	M.B. Camb., L.R.C.P.	St. Thomas's	134, York Road, Lambeth, S.E.
Arthur Monckton	M.R.C.S.		
Hope, George	L.R.C.P. & M.R.C.S.	St. Thomas's	1, Flora Villas, Hanwell, W.
James, Arthur Wm.	L.R.C.P. & M.R.C.S.	St. Barts.	6, Booris Place, Plymouth
Lawless, Edmund	L.R.C.P. Edin.	London	The Victoria Dock Dispensary, E.
James			
Manley, John Her-	M.B. Camb.	Guy's	West Bromwich.
bert Hawkins			
Muspratt, Charles	M.B. Lond., F.R.C.S.	Guy's	The Infirmary, East Dulwich Grove, S.E.
Drummond			
Seatliffe, Arthur	L.R.C.S. Edin.	St. George's	Cliftonville, Margate & London
William			
Southcombe, Ar-	L.R.C.P. & M.R.C.S.	St. Barts.	29, Cassland Road, South Hackney, E.
thur George			
Wheaton, Samuel	M.D. Lond., L.R.C.P.	St. Thomas's	52, The Chase, Clapham & Walton
Walton	M.R.C.S.		Common, S.W.
Yarrow, Eugene	L.R.C.P. & M.R.C.S.	St. Barts.	87, Old Street, E.C.

ROYAL COLLEGE OF PHYSICIANS OF LONDON.—The following candidates, having conformed to the by-laws and regulations, and passed the required examinations, were at a meeting of the College on July 25th admitted Licentiates:

*Aaron, D. J., King's College	*Cooper-Pattin, W. H., Camb. and St. Thomas's
Aylward, W. C., London	Creswell, J. E., University College
Barber, S. F., Sheffield	*Crompton, E., St. Bartholomew's
Barkworth, H. S., St. George's	Crook, A., London
*Bartlett, W. F. C.	*Cross, J. A., Toronto
Beauchamp, S., St. Bartholomew's and Cambridge	Crosse, R. E., St. Bartholomew's
Bennett, C. H. W., St. Bartholomew's	Crump, T. G., Cambridge and Birming.
Bennett, C. E. W., Middlesex	Curwen, E., Cambridge
Berrymann, H. A., St. Bartholomew's	Dallas, S. A. C., University College
Bishop, R. W. S., Sheffield and St. Mary's	Daniel, H., Middlesex
Bokenham, T. J., St. Bartholomew's	*Dawson, E., Westminster.
*Bowly, G. H., Toronto	Dennison, T. S., Leeds
Bowman, H. M., St. Bartholomew's	De Jersey, W. B., Camb. and St. Thomas's
*Brenton, W. H., Guy's	Dodwell, P. R., University College
Brown, D., London	Eaves, W. V., University College
*Brown, F. N., St. Bartholomew's	Farrington, J., Manchester
Carpenter, E. G., St. Bartholomew's	Fazan, C. H., Middlesex
Challis, H. T., London	Fitz-Gerald, E. D., St. Bartholomew's
*Clarke, J. K., Middlesex	Forward, F. E., St. Thomas's
Clarke, J. T., St. Thomas's	Foster, A., St. Mary's
Clemson, T. F., Manchester	Folker, H. H., Charing Cross
Colyer, J. F., Charing Cross	Frossard, E. E., King's College

Gravelly, R. T., St. Mary's	Lodwidge, W. C., St. Mary's
Griffith, J., St. Mary's	Long, E. C., Middlesex
Habbijam, E. T., Charing Cross	Mack, C. G., St. Mary's
Hale, E., Liverpool	*Molyneux, E., Liverpool
Hall, W., St. Bartholomew's	Morgan, S. W., Bristol
Hamilton, H., University College and Bristol	Munday, R. C., St. Bartholomew's
*Harrison, J. H. H., University College	*Murray, G., St. Mary's
Haslett, W. J., London	Oakeshott, W. F., St. Bartholomew's
*Heberden, W. S., St. George's	Offord, J. A., London
Henniker, J. G., St. George's	Oldham, G. F., London
Hicks, E. J., London	Osburn, H. B., St. Thomas's
Hill, L. B., University College	Parham, H. C. H., Charing Cross
Hinds, T. W., University College	Paton, E. P., St. Bartholomew's
Hitchon, H. H. I., Manchester	Pearce, F. W., Guy's
*Hodgson, G. G., University College	*Phillips, E. J. M., Liverpool and St. Thomas's
*Holman, H. J., Guy's	*Ramsden, H., Manchester
Holmes, J. W., Charing Cross and Sheffield	Robinson, E. H., Manchester
Horden, H. H., University College	*Russell, W. A., Charing Cross
Hore, E. W., University College	Saul, V. S., London
Hume, F. N., St. Thomas's	Sellers, A. E., Leeds
Hutchinson, R. J., London	Sharpin, A. L., St. Bartholomew's
Jackson, B. F. F., Charing Cross	*Sheldon, R. G., Liverpool
Jacobsen, G. O., St. Bartholomew's	Smith, R. A., University College
Jessop, J. W., St. Bartholomew's	Spratt, E. R. W., Liverpool
Johnson, H. P., St. George's	Stocken, L. M., University College
Johnstone, J. L., Manchester	*Stephen, G. C., Montreal
Jones, A. W., Oxford and St. Thomas's	Stocker, W. W., St. Mary's
Jordan, H. M., Guy's	Swallow, A. J., St. Thomas's and Durham
Kent, C. A., University College	Swift, S. S., Liverpool
*Kent, R. T., Edinburgh and Middlesex	Sykes, J. H., Manchester
Kerr, G. D., St. Thomas's	Vise, A. B., Westminster
Lambert, T. W., St. Thomas's	Walker, G., St. Bartholomew's
*Lander, F. J., London	Wallace, R. T., Guy's
Lange, A. P., King's College	*Ware, E. E., St. Thomas's
Lea, A. W. W., Manchester	*Weld, O., Toronto and Middlesex
Lemon, E. H., St. Bartholomew's	Wickham, G. H., St. Thomas's
*Le Riche, P. J., University College	Wilkinson, J. H., London
Lloyd, J. W., Liverpool	Worboys, T. S., St. Bartholomew's
	*Yeld, W. H., Manchester

* Candidates who have not presented themselves under the Regulations of the Examining Board.

ROYAL COLLEGES OF PHYSICIANS AND SURGEONS, EDINBURGH, AND FACULTY OF PHYSICIANS AND SURGEONS, GLASGOW.—The quarterly examinations in Edinburgh for the Triple Qualification took place in July, with the following results:

First Examination.—Of 65 candidates, the following 45 passed: F. Nuttall, Bury; E. B. M.D. Atkins, Queenstown, Co. Cork; A. S. Duke, Lucan, Co. Dublin; G. T. Kingston, Bandon, Co. Cork; J. H. D. Stephenson, Blackburn, Lancashire; R. J. Blackham, Belfast; W. P. Hilliam, Lincolnshire; J. A. Walsh, Kilkenny; W. R. Beck, Denbigh; W. H. Villange, London; J. A. Milne, Kent; A. J. Richards, Bangor, North Wales; R. Fair, Co. Galway; F. W. Mason, Leicester; D. Donald, Aberdeen; M. F. O'Donnell, New York; Emily Charlotte Thomson, Lahore, India; Jane Marsh, Bath; T. J. Selby, Cumberland; Mary Helen Cumming, Wigtownshire; Elizabeth Christie, Glasgow; Jessie MacLaren Macgregor, Edinburgh; J. F. Robertson, Edinburgh; H. Webster, Cork; C. G. Rae, Glasgow; M. P. Coghlan, Kilkenny; G. M. Drury, York; E. F. E. Baines, Hampshire; A. Dryden, Edinburgh; W. H. Stephenson, Whitby; W. H. Anderson, Burton-on-Trent; J. T. Helm, Cape Colony; T. Bennett, Clonakilty; J. C. Smith, Guytown, New Zealand; J. J. Fanning, Roscrea; M. F. Sinclair, Kilmore; B. P. Powell, Madras; Alice Margaret Moorhead, Maidstone; Alice Marion Umpherson, Lasswade; J. L. M. Govan, Woolwich; M. Lavan, Co. Mayo; G. H. Peake, Madagascar; T. J. Hall, London; Edith Grace Collett, Madras; and Catherine Mabel Blackwood, Edinburgh.

Second Examination.—Of 44 candidates, the following 19 passed: R. W. Croke, Tasmania; P. C. B. Swanseger, Bombay; D. W. Wright, Mallow; T. P. Wells, Blackburn; J. E. H. Gentil, Mauritius; A. T. Kember, Palamcottah, South India; Margaret Elizabeth Pearce, Madagascar; E. Edwards; Llangefni; P. R. Crofton, Co. Roscommon; J. Cumming, Portsoy; W. H. Richardson, Manchester; Annie Wardlaw Jagannadham, South India; A. Jackson, Cork; E. H. Bland, Penrith; J. Smith, Montrose; A. L. Smith, Hamilton; E. G. M'Sweeney, Cork; G. A. Ings, Canada; and S. H. Heald, Wakefield.

Final Examination.—Of 79 candidates, the following 40 passed, and were admitted L.R.C.P.E., L.R.C.S.E., and L.F.P. and S.G.: W. H. Fawcett, Dublin; J. E. Sang, Edinburgh; A. F. Taylor, Cardiff; J. Duncan, Aberdeenshire; F. G. Heard, Co. Cork; L. V. Parry, Barmouth; A. Dowling, Cork; P. C. Evans, London; J. Cowe, Roxburghshire; R. Marr, Randalstown, Co. Antrim; E. C. Foston, Penang, Straits Settlements; H. Blackburn, Lancashire; G. A. Wolendale, Staffordshire; B. S. Johnson, Tunbridge Wells; D. B. Foley, Killeagh; R. F. Granger, Fylingdales, Whitby; R. V. Sutton, Cork; H. E. Scott, Edinburgh; Grace Clementina Charlotte Mackinnon, Lerwick; G. Hargreaves, Brantford, Canada; C. B. H. West, Liverpool; M. E. H. Wale, Cambridge; W. H. Bulger, Kates Hill, Dudley; T. C. D. J. Cathcart, Kells, Co. Antrim; A. C. Wilson, Liverpool; G. Tocher, Aberdeen; P. C. Smith, Sedgfield, Durham; G. Sidley, Perth; T. M. Elwaine, Bailieborough, Co. Cavan; G. T. Tuke, Edinburgh; P. O'Donoghue, Co. Cork; A. G. Vernor, Musselburgh; E. R. Carroll, Co. Cork; J. Duff, Co. Frenetac, Canada; S. W. Wolfe, Co. Cork; J. T. C. Johnson, Montserrat; W. H. Rankin, Ontario, Canada; G. F. Emery, Marble Rock, Ontario, Canada; J. Brown, White Hill, Co. Donegal; and W. H. Hillyard, Co. Down.

ROYAL COLLEGE OF SURGEONS IN IRELAND.—At the preliminary examination, held on July 17th, the following candidates were granted certificates:

First Class.—M. Betty, C. Browning, C. S. Cahill, D. J. Carroll, A. Chadwick, S. M. Dooley, H. Eardley, J. W. Frazer, G. L. Freeman, P. Good, J. Gorman, C. P. Hannan, L. W. Harvey, A. J. Kearney, P. Lyons, E. P. Magee, J. S. Maher, H. F. Martyn, H. H. Moffat, D. Morrissey, J. Murphy, J. J. A. Sherry, S. Watson, M. E. White, and W. A. Woodrife.

Second Class.—J. Black, A. W. N. Bowen, M. Breen, J. Campbell, P. P. Casey, T. V. Conway, W. S. Crosthwaite, T. E. Dobbs, S. C. Elgee, B. F. Eustace, F. M. Farmer, R. T. Fox, J. Graham, F. Hamilton, R. Hassard, R. J. Harvey, H. S. Henderson, R. Jennings, C. Kapp, J. C. Lloyd, P. J. MacHale, D. Molyneux, J. J. Morrissey, A. Odbert, L. O'Donnell, A. N. O'Neale, F. T. W. T. O'Rourke, M. P. O'Shaughnessy, C. N. O'Sullivan, F. O'Sullivan, G. E. Palmer, T. Phelan, W. H. Pidgeon, D. C. S. Potterton, E. Pyne, J. A. M. Quirke, R. E. Smith, A. F. Studdert, T. F. Smith, and W. T. Wood.

Unclassed.—R. C. Boland, T. Considine, J. W. Jenkins, E. R. Kellett, T. Lauder, F. Little, Miss H. P. M'Card, R. Murphy, J. Nolan, D. A. O'Connor, C. J. Powell, G. G. Roe, A. O. Slocock, G. R. Stritch, J. F. Sutcliffe, and F. W. Woods.

Additional Certificates in Physics.—C. Browning, A. Chadwick, J. W. Frazer, G. L. Freeman, R. J. Harvey, H. H. Moffat, G. E. Palmer, D. C. S. Potterton, A. F. Studdert, J. F. Sutcliffe, and S. Watson.

The following candidates entered for elementary mechanics only, and were granted certificates:

J. Behane, R. Cahir, R. A. R. Dobyns, and J. F. Downey.

SOCIETY OF APOTHECARIES OF LONDON.—The following candidates, 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 in July, 1889:

On July 12th:

Secombe, Samuel Herbert, Guy's Hospital.
Loveday, Ernest, St. Bartholomew's Hospital.

On July 17th:

Ellaby, Charlotte Louisa, M.D. Paris, Paris.
Knight, Mary Adela McCulloch, Royal Free Hospital.
Clarke, Joseph John, Queen's College, Cork.
Verano, Louis Lawrence, St. Bartholomew's Hospital.
Barrs, John Harry, St. Thomas's.
Costine, William Courter, Royal Infirmary, Liverpool.
Porter, Frederick Joseph William, London Hospital.

On July 18th:

Wallington, William Tratman, L.S.A. 1884, Charing Cross Hospital.
Hurst, Walter, Owens College, Manchester.
Appleyard, Walter Rooke, University College, Liverpool.
Winter, George Mitchell, St. Mary's Hospital.

MEDICAL VACANCIES.

The following Vacancies are announced:

ANCOATS HOSPITAL, Manchester.—Honorary Physician. Applications by August 1st to the Honorary Secretary.

BIRMINGHAM WORKHOUSE INFIRMARY.—Senior Resident Medical Officer. Salary, £150 per annum, with board and lodging, etc. Applications by August 3rd to Mr. W. Bowen, Clerk to the Guardians, Birmingham.

BIRMINGHAM WORKHOUSE INFIRMARY.—Assistant Resident Medical Officer. Salary, £100 per annum with board and lodging, etc. Applications by August 3rd to Mr. W. Bowen, Clerk to the Guardians, Birmingham.

BOROUGH OF NOTTINGHAM.—Medical Officer of Health. Applications by August 2nd to S. G. Johnson, Esq., Town Clerk.

CARLOW UNION.—Pharmaceutical Chemist for Carlow Dispensary. Salary, £30 per annum. Applications to Mr. John Kelly, Honorary Secretary, Wellington Square, Carlow. Election on August 2nd.

CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST, Victoria Park, E.—Assistant Physician. Applications by August 6th to the Secretary, 24, Finsbury Circus, E.C.

DEACONESSES' INSTITUTION, Tottenham.—Resident Junior House-Surgeon. Salary, £25 per annum. Applications by August 1st to the Director.

EAST LONDON HOSPITAL FOR CHILDREN, Shadwell, E.—House-Surgeon. Applications by August 1st to the Secretary.

GENERAL HOSPITAL, Birmingham.—Assistant House-Surgeon. Board, lodging, and washing. Applications by July 27th to House-Governor.

HOSPITAL FOR WOMEN, Soho Square, W.—House-Physician. Salary, £75 per annum, with board, etc. Applications by August 3rd to the Secretary.

LEEDS FRIENDLY SOCIETIES' MEDICAL ASSOCIATION.—Surgeon. Salary, £200 per annum, with fees, house, etc. Applications by July 31st to Mr. Wilson, 8, South Parade, Leeds.

LONDON TEMPERANCE HOSPITAL, Hampstead Road, N.W.—Registrar and Chloroformist. Salary, 50 guineas. Applications by August 10th to the Secretary.

NORTHUMBERLAND COUNTY ASYLUM.—Clinical Assistant. Board and residence. Applications to Dr. McDowall, Northumberland County Asylum, Morpeth.

NORTH CAMBRIDGESHIRE HOSPITAL, Wisbech.—House-Surgeon. Salary, £130 per annum, with house, etc. Application by August 10th to the Honorary Secretary.

QUEEN'S HOSPITAL, Birmingham.—Honorary Physician. Applications by July 27th to the Secretary.

QUEEN'S HOSPITAL, Birmingham.—Honorary Obstetric Officer. Applications by July 27th to the Secretary.

RIPON DISPENSARY AND COTTAGE HOSPITAL.—House-Surgeon and Dispenser. Salary, £70 per annum, with board and lodging. Applications to the Honorary Secretary, F. D. Wise, Esq., Ripon.

ROYAL LONDON OPHTHALMIC HOSPITAL, Moorfields.—Junior House-Surgeon. Salary, £50 per annum, with board and residence. Applications by July 29th to the Secretary.

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

TOWCESTER UNION.—Medical Officer. Salary, £110 per annum and fees. Applications by July 29th to Mr. W. Whitton, Town Hall, Towcester.

WESTERN GENERAL DISPENSARY, Marylebone Road, N.W.—Honorary Dental-Surgeon. Applications by August 2nd to the Honorary Secretary, F. Norton, Esq., 13 Hilgrove Road, South Hampstead.

WHITEHAVEN AND WEST CUMBERLAND INFIRMARY.—House-Surgeon. Salary, £120 per annum, and £30 for dispensing, with apartments and attendance. Applications by July 27th to the Secretary.

WIRRAL HOSPITAL AND DISPENSARY FOR SICK CHILDREN.—Honorary Acting Medical Officer. Applications by July 27th to the Honorary Secretary.

WOLVERHAMPTON EYE INFIRMARY.—Resident Assistant. Board and washing. Applications by August 12th to the Chairman.

MEDICAL APPOINTMENTS.

BALDWIN, H., M.R.C.S., L.D.S.Eng., appointed Medical Tutor to the Dental Hospital of London, Medical School, *vice* B. B. Paterson, F.R.C.S., L.D.S.Eng., resigned.

BROWN, J. K., M.B., C.M.Édin., appointed Resident House-Surgeon to Ayr County Hospital.

GOODMAN, R., M.B. Cantab., M.R.C.S., appointed House-Physician to the Hospital for Consumption, Brompton, *vice* Dr. Barlow.

HARKIN, J. C., M.B., appointed Medical Officer to the Carrick Dispensary of the Glenties Union, *vice* S. H. Halahan, M.B., B.S., deceased.

HART, F. J. Lorimer, M.B.Éd., C.M., L.M., appointed Medical Officer and Public Vaccinator to the Wansford district of the Stamford Union, and Surgeon to the Oddfellows and other friendly societies.

JECKS, Cyril, M.D., appointed Resident Medical Officer to University College Hospital, *vice* C. J. Arkle, M.D., M.R.C.P., resigned.

LYTLE, J., M.D., M.Ch., Queen's University, Ireland, appointed Surgeon to the Foresters' Medical Aid Association, Shrewsbury.

MELLAND, B., M.Sc., M.B. Lond., M.R.C.S., appointed Senior Resident Medical Officer to the Children's Hospital, Pendlebury, Manchester, *vice* J. H. Thompson, M.D., resigned.

PATERSON, B. B., F.R.C.S., L.D.S.Eng., appointed Assistant Dental Surgeon to the Dental Hospital of London, Medical School.

ROBERTS, Reginald, M.R.C.S.Eng., L.S.A., appointed Assistant House-Surgeon to the Royal South Hants Infirmary, *vice* Sydney Herbert, M.R.C.S., L.R.C.P., resigned.

ROW, F. E., M.R.C.S., L.R.C.P., appointed Honorary Surgeon to the Royal Albert Hospital, Devonport, *vice* C. Bulteel, F.R.C.S., L.S.A., resigned.

SHEPPARD, Edward Thomas, L.R.C.P., L.R.C.S.Édin., appointed Medical Officer and Public Vaccinator for No. 1, Clifton district, of the Barton Regis Union, *vice* C. F. Hawkins, resigned.

SIBLEY, W., B.A., M.B. Cantab., M.R.C.S., appointed House-Physician to the Hospital for Consumption, Brompton, *vice* Dr. Wilkie.

SUGDEN, H. C., M.R.C.S.Eng., L.R.C.P. Lond., L.S.A. Lond., appointed Junior House-Surgeon to the Bury Dispensary Hospital, *vice* U. K. Dutt, L.S.A., M.R.C.S., resigned.

UNDERWOOD, Arthur Swayne, M.R.C.S., L.D.S., appointed to the Chair of Dental Surgery at King's College, and Dental Surgeon to King's College Hospital, *vice* Ashley Gibbings, resigned.

WORBOYS, T., appointed Assistant House-Surgeon to the North Staffordshire Infirmary, *vice* A. E. Nuttall.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which should be forwarded in stamps with the announcement. The first post on Thursday mornings is the latest by which advertisements can be received.

MARRIAGES.

BROADBENT—BRANSTON.—On the 18th instant, at the parish church, Newark, by the Rev. Marshall Wild, vicar of Newark, assisted by the Rev. R. K. Snowden, vicar of Clifford, Yorks, Frank Broadbent, of South Collingham, Notts, to Harriette Elizabeth, daughter of Henry Branstons, Esq., J.P., the Friary, Newark.

FERGUSON—HUNTER.—On July 6th, at St. Andrew's Church, Cutch Bhuji, by the Rev. W. Scott, B.A., Surgeon-Major J. E. Ferguson, M.B., Bombay Medical Service, eldest son of the late John Ferguson, M.D., Nigg, Kincardineshire, to Grace Alexa, eldest daughter of Lieutenant-Colonel F. M. Hunter, C.B., C.S.I., Political Agent, Cutch.

FLUX—MANN.—On July 16th, at St. James's, West Hampstead, by the Right Rev. the Bishop of Colchester, D.D., assisted by the Rev. A. W. Flux, M.A., brother of the bridegroom, George Belben Flux, M.R.C.S.Eng., L.R.C.P. Lond., M.D. (Brux.), etc., of Highworth, Wilts, to Florence, daughter of the late G. Mann, of Hamilton Terrace, N. W.

UGHTON—OGILVIE.—On June 26th, at St. Andrew's Presbyterian Church, Kingston, Jamaica, by the Rev. James Cochran, assisted by the Rev. Andrew Baillie, Thomas Bancroft Ughton, LL.B. Lond., Barrister at Law of the Inner Temple, son of Thomas Ughton, Esq., advocate, etc., to Nettie Ogilvie, M.D., C.M., L.R.C.P., L.R.C.S.Édin., etc., eldest daughter of James Ogilvie, M.D., F.R.C.S.Édin., etc., Kingston.

OPERATION DAYS AT THE LONDON HOSPITALS.

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

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

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

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

IN order to avoid delay, it is particularly requested that all letters on the editorial business of the JOURNAL be addressed to the Editor at the office of the JOURNAL, and not to his private house.

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

CORRESPONDENTS who wish notice to be taken of their communications should authenticate them with their names—of course not necessarily for publication.

CORRESPONDENTS not answered are requested to look to the Notices to Correspondents of the following week.

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

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

ANSWERS.

DR. J. W. BALFOUR (Moniaive, Dumfriesshire) will find information as to rules for employment of a parish nurse, in the JOURNAL of March 16th, page 633.

PROFUSE SALIVATION.

H. S. writes: Profuse salivation often depends upon the presence of carious teeth, and disappears on their removal.

THE CAPER SPURGE.

MR. R. N. CARNANA.—We take it that the caper leaves referred to are not those of the capparid spinosa (nat. ord. capparidaceæ) which furnishes us with capers, but the leaves of the caper spurge, euphorbia lathyris (nat. ord. euphorbiaceæ). The seeds and probably other parts of this plant contain an oil closely allied to croton oil in its properties, but scarcely so powerful. It is an irritant and purgative, therefore we see that the application of the leaves caused "a sort of blister," and probably the neuralgia has been benefited by this counter-irritant action.

Caper spurge oil can be obtained in commerce, and the best method of applying it would be to make up a preparation something like the linimentum

crotonis of the *British Pharmacopœia*. The juice of the caper spurge is sometimes employed by country people to remove warts also. The exact species of "caper," however, could only be determined by getting specimens of the plant. Several species of euphorbia have similar properties.

TREATMENT OF SWEATING FEET.

A MEMBER (Chespside) will find a number of suggestions for the treatment of this distressing condition made by numerous correspondents in the JOURNAL for March 9th, 1889, page 575, and March 23rd, page 693. The powder used in the German army for sifting into the shoes and stockings of the foot soldiers, called "Fuss-streupulver," is said to consist of 3 parts salicylic acid, 10 parts starch, and 87 parts pulverised soapstone. It keeps the feet dry, prevents chafing, and rapidly heals sore spots. Finely pulverised soapstone alone is also said to be very good.—HIBERNICUS (in answer to the previous query) said that he treated one case, a nursemaid, with a lotion of pure carbolic acid, 1 in 3. The feet were bathed with this; next morning they greatly inflamed, she was put to bed and dilute lead lotion applied; in three days she was able to resume her duties, and down to the time of writing (3½ years) had been free from the affliction. Another correspondent recommended a special preparation of eucalyptus, called eucalyptol cream, the formula for which was not given.

COLONIES.

YANKEE writes: Before anyone can practice in Pennsylvania State he must be registered, and unless he is a graduate of a college in the State, he must at least have the diploma endorsed by either of the chartered medical colleges in the State. Each college examines the candidate, and charges him £5 for doing so, with the exception of the Homœopathic College, which simply charges a fee of £1 for endorsing the diploma granted by any homœopathic college, from all other candidates this college demands £5 and an examination. From above it will be seen that each college can make its own rule respecting endorsing diplomas.

NOTES, LETTERS, ETC.

MR. EDMUND OWEN.

ON July 8th the following letter was addressed to the JOURNAL by Mr. Edmund Owen.

The Election at the College of Surgeons.

SIR,—The election at the College of Surgeons being over, I would express the hope that the JOURNAL of the British Medical Association will henceforth recognise the duty and expediency of refraining from giving support, direct or indirect, to any particular candidates for the honour of a seat on the Council. As, for the most part, all candidates are members of this Association, such support cannot fail to interfere with that harmony which it should be our constant effort to foster.

Dr. Farquharson, as we are informed, "has backed Lord Randolph Churchill's Bill to amend the constitution of the College." No one can object to that; but, as assessor to the Publication Committee of our JOURNAL, he may be expected to keep its columns impartial on a matter which, forsooth, concerns neither him nor them.

Probably one effect of the JOURNAL taking upon itself to advise the Fellows how to vote has been to fetter the candidates, and to disturb the electors, with strange "Addresses." But this year is in many respects exceptional.—I am, yours faithfully,
EDMUND OWEN, F.R.C.S.
July 8th, 1889.

. This letter speaks for itself. It was considered by the Editorial Reference Committee to be out of order, in that it sought to discuss in the pages of the JOURNAL the duty and expediency of the existing line of conduct adopted by the Editorial Committee in fulfilment of their functions—an administrative and executive question open to discussion in the Council of the Association which entrusts that duty to the Committee, or in the general meeting of the Association, but not a suitable topic of debate by the correspondents of the JOURNAL in its pages. The imputation conveyed in the letter and the peremptory discourtesy of its wording were considered to call for sharp comment. As Mr. Owen, however, while willing to wound the feelings and attack the judgment and impartiality of others, has shown himself very susceptible to the sharpness of a retort, and considers that the notice in the JOURNAL of July 13th may lead to the conclusion that he has been guilty of moral or professional misconduct—a suggestion which appears to be quite gratuitous—it is thought right to publish the text of his letter, in order that there should be no possibility of any such conclusion being drawn from it.

THE RECENT EXPERIMENTS OF DR. BROWN-SÉQUARD.

A CIRCULAR has been issued by a member of the medical profession, protesting in very urgent language against the nature and objects of the recent experiments carried out by Dr. Brown-Séguar, on the effects produced on man by the subcutaneous injection of a liquid obtained from the testicles of rabbits and guinea-pigs. We have already, on June 22nd and July 6th, indicated the obvious objections to some of the methods pursued, and the character of the communications in question. It is to be regretted that in lieu of making partial quotations from our text the author of this printed letter did not quote the whole texts, as his quotations give but a very imperfect view of what was published in our columns on the subject. With reference, however, to the alleged extreme barbarity and unjustifiable character of the mutilation involved in the removal of the testes, the author seems to leave out of view the millions of cases in which precisely that mutilation is carried out in sheep for the purpose of improving the flavour of the mutton chop; and he would do well to inquire as to the manner and frequency with which that agricultural operation is habitually carried out throughout Great Britain and in all other civilised countries.

ERRATA.—In the case of poisoning by the new Sicherheit explosive, published by Messrs. Sykes and Twigg in the JOURNAL of July 20th, the pulse-tracing was accidentally inverted, owing to the name and pressure scratched on the

