

struction and maintenance of school infirmaries and sanatoria, in connection with which it hoped to be able to present a formulated code of suggestions for consideration at a future meeting of the Association.

**New Members.** Dr. Hunter Barron, Medical Officer, Christ's College, Finchley, and Dr. R. P. Smith, Medical Officer, King Edward's School, and Assistant Medical Officer, Bethlehem, were elected members of the Association.

**School Sanitation.**—A discussion on the construction and maintenance of school sanatoria was then opened by Dr. SHELLY, Medical Officer of Haileybury. It was suggested that the term "Infirmary" should be used only to designate the building in which cases of non-infectious illness and accidents alone were received for treatment, but which in the case of small schools possessing no other accommodation for sickness, would include, on the top floor, at least two rooms or wards (the "infectious," or better, "isolation" wards) for the reception of infectious cases, while the word "sanatorium" should indicate the building reserved for the reception of infectious cases only, and that these terms should not be used interchangeably. The advantages of separate sanatorium accommodation for small schools; the proportion which the sanatorium accommodation should bear to the size of the school, the accommodation to be provided for nurses and for school servants, and several points in connection with the construction and maintenance of such buildings, were fully discussed by the members present. Members who had not yet received their copies of Mr. Paget's paper were requested to communicate with Dr. Alder Smith, Christ's Hospital, to that effect.

## ASSOCIATION INTELLIGENCE.

### COUNCIL.

#### NOTICE OF MEETING.

A MEETING of the Council will be held at the Offices of the Association, No. 429, Strand (corner of Agar Street), London, on Wednesday, the 26th day of October next, at 2 o'clock in the afternoon.

FRANCIS FOWKE, General Secretary.

September 29th, 1887.

### BRANCH MEETINGS TO BE HELD.

**BORDER COUNTIES BRANCH.**—The meeting of this Branch, already announced for September 30th, has been postponed.—H. A. LEDFARD, Honorary Secretary, 41, Lowther Street, Carlisle.

**STAFFORDSHIRE BRANCH.**—The fourteenth annual general meeting of this Branch will be held at the Railway Hotel, Stoke-upon-Trent, on Thursday, October 27th, 1887. An address will be delivered by the President-elect, Mr. W. D. Spanton.—T. VINCENT JACKSON, General Secretary, Wolverhampton.

**WEST SOMERSET BRANCH.**—The autumnal meeting of this Branch will be held at the Railway Hotel, Tanton, on Thursday, October 27th, at 5 o'clock. Dinner at half-past five. The subject for discussion after dinner will be Coroner's Inquests, agreeably to a resolution passed at the annual meeting. The Sub-committee of the Branch, appointed to consider a pamphlet on this subject, which was issued by the Manchester Medico-Ethical Association, will present a report. Members who have any communication to bring before the meeting will please send notice of its title; they will also oblige by informing the Honorary Secretary before the day of meeting if they propose being at the dinner.—W. M. KELLY, M.D., Honorary Secretary.

**OXFORD AND DISTRICT BRANCH.**—The next ordinary meeting will take place on Friday, October 28th, at the Radcliffe Infirmary, at 3.30 p.m. Members who wish to read papers or show cases are requested to send notice of their intention to one of the Honorary Secretaries on or before October 18th. Members who wish to dine after the meeting should send in their names on or before October 27th.—W. L. MORGAN and S. D. DARBISHIRE, Honorary Secretaries.

**NORTH OF ENGLAND BRANCH.**—The first of the clinical meetings for the demonstration and discussion of cases will be held at the Royal Infirmary, Newcastle-on-Tyne, on Thursday, October 20th, at 3 p.m. Members wishing to introduce patients are requested to communicate with the Secretary as early as possible. Arrangements will be made for the members to dine together at the Newcastle Exhibition at 6 o'clock.—G. E. WILLIAMSON, Honorary Secretary, 22, Eldon Square, Newcastle-on-Tyne.

**NORTH OF IRELAND BRANCH.**—A general meeting of the Branch will be held in the Royal Hospital, Belfast, on Thursday, October 20th, at 12 o'clock. Business: The President (Dr. J. M. Palmer) will show Two Cases of Empyema successfully treated by Operation. Dr. O'Neill will show three patients who have been treated for Fracture of the Patella, and will explain the method of treatment adopted in each case.—Dr. J. Campbell Hall (Monaghan) will show a specimen of a Compound Comminuted Fracture in the vicinity of the Ankle-joint. Professor Sinclair will read Notes of a successful case of Double Ovariectomy, and will exhibit the patients and the Tumours. Dr. St. George (Lisburn) will show a case of Excision of the Hip. Mr. John Fagan will show a patient in whom he ligatured

the femoral artery for Popliteal Aneurysm. Dr. Henry Burden will exhibit, and give a brief description of, a series of Microscopic Sections of the Spinal Cord from a case of Myelitis; he will also show Sections of an Alveolar Sarcoma of the Breast. Dr. J. A. Lindsay will read a short paper upon the Therapeutic uses of the English Spas. Dr. John W. Byers will read a paper on Superinvolution of the Uterus.—JOHN W. BYERS, M.D., Secretary, Lower Crescent, Belfast.

**METROPOLITAN COUNTIES BRANCH: EAST LONDON AND SOUTH ESSEX DISTRICT.**—The inaugural meeting will be held on Thursday, October 20th, at the Hackney Town Hall (three minutes' from Hackney Station, N.L.R., and London Fields, G.E.R.), at 8.30 p.m. The chair will be taken by A. Durham, Esq., President of the Branch. Business: Address by Matthews Duncan, Esq., M.D., F.R.S., on the Vomiting and Sickness of Pregnancy. Adoption of New Rules. Election of Vice-President and Representative ordinary Member of Council. Election of District Committee. All medical practitioners will be welcomed.—JOSEPH W. HUNT, Honorary Secretary, 101, Queen's Road, Dalston.

**SOUTHERN BRANCH: SOUTH WILTS DISTRICT.**—The next ordinary meeting will be held on October 19th, at the Angel Hotel, Salisbury, at 2 o'clock. Papers will be read by Mr. Tayler, Mr. Stratton, Mr. Lee, and Mr. Kelland. Luncheon at 1 o'clock at 3s. 6d. a head. Members wishing to attend, or to join the District, to communicate with the Honorary Secretary, H. J. MANNING, Laverstock, Salisbury.

### SOUTH MIDLAND BRANCH.

The autumnal meeting was held at the Wheatsheaf Hotel, Daventry, on Friday, October 7th, 1887. Nineteen members and one visitor were present, and sat down to luncheon in the hotel previous to the meeting.

**New Members.**—Mr. Montague G. Robinson, Daventry, and Mr. John Marriott, Northampton, were elected members of the Association and Branch.

**Papers and Cases.**—MR. THOMPSON FORSTER related a successful case of Cesarean Section. Mr. W. H. BULL made some remarks on scarlet fever cases, drawing special attention to the question of a second attack within a short period. Interesting discussions followed the reading of both these papers. Mr. W. KENNEDY read a case of threatened Eclampsia; and Mr. GEORGE HARDAY, a case of Pericarditis in a child. Other papers were deferred owing to want of time.

The members and visitors afterwards adjourned to the house of Mr. Thompson Forster, and partook of tea and coffee.

### SOUTH-EASTERN BRANCH: EAST KENT DISTRICT.

The autumnal meeting of the above District was held at Ramsgate, on Thursday, September 29th. Mr. ROBERT HICKS occupied the chair.

**Tubercular Meningitis.**—The CHAIRMAN read notes of an interesting case of rapid death from tubercular meningitis in a girl of 15.

**Hæmoptysis.**—Dr. GOGARTY gave a paper on some cases of hæmoptysis, in which he said, after making all due allowance for spurious cases, for exaggerations, and for deception (of which a case was given), there still remained a certain number of cases of hæmoptysis which ultimately entirely recovered.—MR. HICKS, DR. TYSON, DR. F. EASTES, MR. MAYHEW, MR. RAVEN, and MR. SYMONDS spoke in the subsequent discussion.

**Plaster-of-Paris in the Treatment of Fractures.**—MR. CHARTERS SYMONDS read notes on the treatment of simple and compound fractures by plaster-of-Paris splints, which was accompanied by a demonstration of the method.

The members afterwards dined together at the Granville Hotel.

### SOUTHERN BRANCH: SOUTH WILTS DISTRICT.

The annual meeting of the South Wilts District took place on July 21st at Sheerwater Lake, Warminster, by permission of the Marquis of Bath. The members and a number of friends were hospitably entertained by the President, Mr. Hinton, and a very pleasant day was spent.

Officers for the coming year were elected as follows:—President: Dr. Gordon. Vice-President: Mr. Shorland. Committee: Mr. Kelland, Mr. Lee, Mr. Stratton. Honorary Secretary and Treasurer: Mr. Manning.

### READING BRANCH.

The annual meeting of the Reading Branch was held in the Library of the Royal Berkshire Hospital on Wednesday, October 5th, 1887.

**Election of Officers.**—The following officers were chosen:—President: Dr. C. H. Tench. President-elect: Mr. W. B. Holderness (Windsor). Council: The President, the President-elect, and Drs. Shettle and H. F. Banham; Messrs. Harrison, Walford, Young, Maurice, Royds, and the Honorary Secretary. Representative of Branch on Council of the Association: Dr. John McIntyre (Odiham). Representative on the Parliamentary Bills Committee: Dr. H. H. Phillips. Honorary Secretary and Treasurer: Dr. H. H. Phillips (vice Dr. Shettle, resigned).

*Vote of Thanks.*—A hearty vote of thanks was passed to Dr. Shettle, the retiring Secretary, for his services to the Branch during the last eighteen years.

*President's Address.*—The PRESIDENT (Dr. C. H. TENCH) then read an able address dealing with various matters connected with the subject of medical reform.

There was a good attendance of members, and the annual dinner was afterwards held at the Queen's Hotel.

**DORSET AND WEST HANTS BRANCH: AUTUMN MEETING.** THE autumn meeting of this Branch was held at Poole, on Wednesday, October 5th, JOHN COMYNS LEACH, M.D., President, in the chair. Thirty-five members and visitors were present.

*Election of Officers.*—Dr. George Henry Batterbury, of Wimborne, was elected President; and Dr. C. Childs, of Weymouth, and Mr. W. E. Good, of Dorchester, Vice-Presidents for 1888. Dr. William Vawdrey Lush, of Weymouth, and Mr. C. H. Watts Parkinson, of Wimborne, were re-elected joint Honorary Secretaries and Treasurers.

*New Members.*—Mr. John Empson, of Melborne Port; D'Arcy Harvey, M.B., of Portland, and Mr. James D'Arcy Harvey, of H.M.S. *Boscawen*, were elected members of the Branch.

*Next Meeting.*—It was resolved that the May meeting should be held at Sherborne.

*Discussion.*—A discussion on the Treatment of Tubercular Meningitis was opened by Mr. GRAHAM, Vice-President, and taken part in by Messrs. DYER, NUNN, LAWTON, WYKE SMITH, MARSH, WILLIAMSON, DANIELL, PARKINSON, the PRESIDENT; Drs. CHILDS, HUMBLE, SNOW, LAWNE, LUSH, and MACDONALD.

*Communication.*—Mr. MARSH: Special Hospitals (Provincial) and their Abuses, from a General Practitioner's Point of View.

*Specimens.*—Dr. MACDONALD: 1. Abscess of Brain. 2. Cancer of Oesophagus.

*Grant to the British Medical Benevolent Fund.*—A donation of five guineas was granted.

*Dinner.*—The members and visitors dined together at the London Hotel.

#### NORTH OF ENGLAND BRANCH.

THE autumnal meeting was held at the Grand Hotel, Tynemouth, on Wednesday, September 21st, at 3 P.M. The President, Dr. Foss, took the chair, and there were twenty-four members present. On the motion of the Secretary, it was resolved that the members should dine together at the Newcastle Exhibition, after the clinical meeting on Thursday, October 20th.

*Aphasia.*—Dr. PHILIPSON read a paper on Aphasia, and Dr. OLIVER followed with Notes on Aphasia in a Child.—Drs. WILKINSON and ANDERSON took part in the discussion which followed, and Dr. PHILIPSON replied.

*The Apostoli Treatment.*—Dr. MURPHY gave an account of a visit to Dr. Apostoli, and Dr. OLIVER demonstrated the instruments used by Dr. Apostoli in his treatment.—Dr. LIMONT discussed the treatment, and Dr. MURPHY replied.

Dr. ATKINSON read a paper on The Excretion of Nitrites and Nitro-glycerine.—Dr. GIBSON (Tynemouth), On Tynemouth as a Health Resort; discussed briefly by Dr. LEGAT.—Dr. WILKINSON showed a patient with depressed fracture of the skull.

After the meeting the members and their friends dined together. The usual toasts were duly proposed and honoured.

## SPECIAL CORRESPONDENCE.

### VIENNA.

[FROM OUR OWN CORRESPONDENT.]

*Professor Brouardel on the Propagation of Typhoid Fever.*

IN a lecture delivered at the Hygienic Congress at Vienna, Dr. Brouardel maintained that typhoid fever was propagated by the water which we drank, the air which we breathed, as well as the infected dresses and hands of nurses. These conditions were set forth in the works of Hippocrates and Van Swieten, as well as those of the great epidemiologists of the last century; but whereas they were formerly nothing more than theories, we were now able to assign to each of these agents its real position in the propagation of the disease. Budd and Murchison had shown that the causes of outbreaks of typhoid fever were to be sought in the pollution of the air, and particularly in the pollution of the drinking water by faecal matter, or the products of putrefaction. Murchison's view was that

the latter alone were sufficient to produce the disease, whereas Budd held that it could only be generated by typhoid stools.

The question, however, was, how did these matters infect other individuals. Was it by means of the air, the drinking water, by telluric emanations, or by contact? As to this question, opinions differed even five years ago, and Dr. Brouardel wished to show what progress science had since made in this direction, and what had to be the standpoint of the modern hygienist. Respecting the influence of drinking water on the spread of typhoid fever, he stated that he possessed more than sixty reports of such epidemics, in which the drinking water alone had caused the outbreak. In September, 1886, an epidemic of typhoid fever broke out at Clermont-Ferrand, and the whole population of the town, both civil and military, became affected with it. The epidemic abated in October, but increased again in severity in November and December. At a distance of from two to three kilomètres, Clermont-Ferrand is surrounded by several little towns, such as Mont-Ferrand, Royat, and Chamalières. Of these, only Mont-Ferrand became affected, and there also the epidemic became milder in October, and more severe again in November and December. It was found that Mont-Ferrand was the only town which was supplied with water from the same spring as Clermont; Royat and Chamalières being supplied from special springs. In the latter two places only those contracted the disease who had gone to Clermont. A convent at Clermont was supplied from a special spring, different from that of Clermont, and only one of the inmates, who had passed a day in the town, contracted the disease. In Paris the water supply was from different springs. The Dhuis and the Vanne furnished excellent water, but, unfortunately, recourse had occasionally to be had to the Marne, the Seine, and the canal of Ourcq, and the water of these rivers and the canal was always polluted with human excrement. The consequences which the supply from these different sources had with reference to the propagation of typhoid became evident from the following facts. In 1886 they had to be used on the 20th of July. Between the 18th and the 24th July, forty patients suffering from typhoid fever were admitted into hospital; from the 1st to the 7th of August the number amounted to 150. The auxiliary water supply was discontinued on the 7th of August, and the number of patients admitted for typhoid from the 15th to the 21st of August was only 80. In 1887, on the 27th of January, the water of the Seine and the Ourcq was resorted to, and from the 13th to the 19th of February 80 patients were admitted into the hospitals with typhoid. The polluted water was supplied a second time in the same year, namely, from the 12th of June, the supply lasting till the end of August, when the number of patients was 154.

The influence of the drinking water on the spread of typhoid, continued Dr. Brouardel, became still more evident when we took into consideration only a part of the population which had the same manner of life, and the same habits. Dr. Regnier had noted the number of cases of typhoid fever which had occurred in the different barracks in Paris, indicating at the same time the spring from which each derived its water supply. In 1882, Dr. Regnier found that in the newly built barracks at Château-Laudon, which was supplied with the non-filtered water of the Marne, the morbidity amounted to 17 per cent, whereas in the old barracks of Jean Jacques Rousseau, which was supplied from the Vanne, the morbidity showed a percentage of 7 per cent. In 1886 the water of the Dhuis was substituted for that of the Marne for the Château-Laudon barracks, and the morbidity from typhoid was only 2 per cent. Only two barracks suffered much from typhoid now, and these were those which were supplied with the water of the Seine. It was clear that in all these cases drinking water had been the cause of the outbreak. This was confirmed, moreover, by the results of the micro-biological investigations. Experiment, as well as direct observation, had clearly shown that Eberth's bacillus could thrive and multiply in the water. Professor Brouardel then discussed the influence of the air on the spread of typhoid. Citing some very important observations on the subject, Professor Bouchard had, at the International Medical Congress of Geneva, in 1877, reported a case which deserved careful attention. A man had contracted typhoid fever at Ulm, and returned to his village, where the disease had not been observed for several years. The stools of this patient were thrown on a dunghill, which, some weeks later, five persons were engaged in removing. Of these, four became affected with typhoid fever, the fifth having symptoms of intestinal catarrh and enlargement of the spleen. The faecal matter from all these cases was thrown away on another dunghill, which was not removed until nine months afterwards. Of the ten persons who were engaged in this work, one contracted typhoid and died. After referring to a number of similar cases, Dr. Brouardel pointed out that in all of them the disease was limited to regions where the atmosphere was infected, especially when it was charged with moisture,

to determine the presence or absence of infection, and to effect, if present, its destruction. The removal to hospital of infected passengers or members of the crew, and of others to proper quarters, is provided for, as well as the careful disinfection of clothing, baggage and cargo. But there seems to be some local dissatisfaction at New York respecting the scantiness of the sums voted by Congress for securing the completely efficient carrying out of this programme. If there is any substantial ground for such dissatisfaction it is regrettable. The last occasion on which cholera was brought into New York waters was in September and October 1873, when four steamers, one from Hamburg, arrived having cases of sickness on board. The disease then unfortunately reached the mainland.

In Europe, cholera has shown still further signs of abatement during the past week. Messina is still the chief seat of the disease, but the latest returns record only some dozen cases, with two or three deaths daily. It is to be hoped that the recent lessons will not be allowed to pass out of recollection, but that Signor Crispi, whose antecedents give him special influence with Sicilians, will use his official power to secure improved sanitation throughout the island, especially in and around the towns and villages.

## UNIVERSITY INTELLIGENCE.

### CAMBRIDGE.

At Gonville and Caius College, Mr. Charles Scott Sherrington, M.A., M.B., has been elected a Fellow. Mr. Sherrington obtained a first-class in Natural Sciences Tripos, Part I, June, 1881, and a first-class in Natural Sciences Tripos, Part II, in June, 1883, with distinction in Physiology. He holds the George Henry Lewes studentship, 1884.

Mr. L. E. Shore, B.A., M.B., B.C., of St. John's College, has been appointed Demonstrator of Physiology, and Mr. H. E. Wingfield, B.A., of Gonville and Caius College, has been appointed Assistant Demonstrator of Physiology.

**ABERDEEN UNIVERSITY AND THE GRADUATION OATH.**  
THE Court of this University has had under consideration the imposition of the graduation oath in medicine and arts. The oath requires the subscriber to profess the Christian religion as it is usually preached, and exacts a promise that he shall requite the university at some time for the benefits he has derived in the shape of education. The Lord Rector proposed to abolish the oath on the ground that the Commission of 1866 reported against every form of religious tests, and that all other Scotch Universities had removed from their oaths all expressions implying religious disqualification, Aberdeen being the only public university in the British dominions where the shadow of a religious test still lingered. Dr. Bain's motion was adopted after discussion.

### DURHAM.

At the recent examination for the degree of Master in Surgery the following candidate satisfied the examiners, and was awarded first-class honours: Thomas Horrocks Openshaw, M.B., B.S., F.R.C.S.

**ST. JOHN AMBULANCE ASSOCIATION.**—It is seen by the report of this Association, which has just been issued, that upwards of 270 administrative centres have now been formed in all parts of the world, while the detached classes are numbered by hundreds. During the last twelve months 17,718 certificates have been issued, being an increase of 5,928 over any previous year, and making a total of considerably over 110,000.

**VITICULTURE.**—Englishmen have had but little opportunity of distinguishing themselves in the art of viticulture. It is all the more satisfactory, therefore, to see that Messrs. W. and A. Gilbey, who have done so much to bring pure wines at moderate prices within the reach of every English consumer, have received the gold medal from the French Minister of Commerce for the great success with which they have carried out the cultivation of the vine on a large area in the Medoc district, of which they became possessors some years since in connection with the Chateau Loudoune. Sir T. Spencer Wells, who took much interest in this subject and was present last year at the making of the wine, made some suggestions which have, we believe, proved of considerable interest in some of the finer processes of wine-making, and we hear of a reserved *curvée* made on the estate which is christened the "Baronet's wine."

## OBITUARY.

JOHN SHEA, B.A.LOND., M.D. ST. AND. WE deeply regret to record the sudden death of Dr. John Shea, of Reading, which occurred at his residence in Portland Place, London Road. The deceased gentleman, who was the eldest son of Dr. Thomas Shea, of Blackfriars Road, London, was born in September, 1837.

The deceased was educated at London University, whence, after taking his B.A. degree, he proceeded to the study of medicine at St. Thomas's Hospital, where he filled the office of house-surgeon, shortly afterwards taking his M.D. degree at the St. Andrews University. He was then appointed house-surgeon at the *Dreadnought* Naval Hospital at Greenwich, and in 1860 was chosen house-surgeon to the Royal Berks Hospital, Reading. On the passing of the Public Health Act, he applied for and obtained the post of Medical Officer of Health and Public Analyst for the Borough of Reading. He also held until his death the position of Medical Officer of Health to the Wokingham Corporation, and also to the Reading Board of Guardians in respect of such portions of the poor-law area as are outside the present borough boundaries.

Soon after he came to Reading, Dr. Shea was appointed assistant-physician at the Royal Berks Hospital, and, soon after, physician. He was an active member of the Board of Management of the hospital, and one of the founders of the Reading Pathological Society; it is greatly due to his exertions that this Society has its present fine library and buildings attached to the hospital. Dr. Shea was well known and greatly respected in Reading, where his sound judgment, ripe learning, and shrewd knowledge were always in request and ungrudgingly given. His reputation also extended to a wider sphere, and his reports as medical officer of health were so highly esteemed that the Local Government Board more than once singled them out to publish as "models." His rare acquaintance with art and literature have proved of the utmost advantage to the Free Library and Museum Committee. Dr. Shea died of apoplexy after a few hours' illness.

**JAMES THOMAS CARTER, F.F.P. AND S.GLAS., F.R.C.S. EDIN.** Mr. J. T. CARTER was the Lecturer on Anatomy at the Western Medical School, Glasgow. He went to Glasgow four years ago, when the Western Medical School was started, to undertake the anatomical department for which his experience in Minto House, Edinburgh, as chief assistant and demonstrator to Mr. Symington rendered him highly qualified. The position offered very little pecuniary attraction, and still less in the prospect of promotion, and yet Mr. Carter entered into the fulfilment of its duties so heartily as to make for himself a large and successful class in a short time. He devoted much of his time to the making of anatomical preparations for the benefit of the school in which he worked. He gave promise also of important original work in papers read to the Glasgow Medico-Chirurgical Society, and the Obstetrical Society of Edinburgh. The Glasgow Western Medical School has by his death lost a most capable teacher, and has been placed thereby in a position of very considerable difficulty.

**SURGEON ALEXANDER PEERS ADAMS, M.R.C.S., L.R.C.P.LOND.**

WE have received from India the sad intelligence of the death of a young and promising medical officer, Surgeon Alexander Peers Adams, M.R.C.S., L.R.C.P.Lond. (son of Lieut-General Adams, of the Bombay Staff Corps), which occurred at Madras on September 12th, from erysipelas of the scalp supervening on an attack of low fever. For the following particulars of this officer's career (who was a member of the South Indian Branch of the British Medical Association) we are indebted to an Indian contemporary. He arrived in India on September 12th, 1880, and for his first two years he did duty in the Eastern District, when he was transferred to the Hyderabad Subsidiary Force, with which he remained for a short time. He was then sent to officiate in medical charge of the 37th Regiment N.I., at Bellary, and was afterwards posted to the Mysore District, being attached to the 1st Light Cavalry at Bangalore. He served in the field hospital for native troops of the 2nd Division during the Camp of Exercise, and was subsequently sent to officiate in charge of the 10th N.I. at Vellore. In April, 1884, his services were placed at the disposal of the Civil Department, and he was appointed to act as District Surgeon, Vellore. In April, 1885, he was appointed Civil Surgeon and Superintendent of the Gaol, Guntur, and held this ap-

pointment till October, 1885, when his services were required for field service in Burmah. During the military operations in Burmah Dr. Adams did excellent service. He was first attached to the General Hospital for native troops at Thayetmyo, and was afterwards transferred to the charge of Minbu, where, single-handed, he had over 300 sick under his care, without any adequate hospital establishment, medicine, or accommodation. In November he was transferred to Mandalay. He was specially mentioned by Major-General Sir George White, V.C., K.C.B., commanding the Upper Burmah Field Force, in his despatches. On his return to Madras he was temporarily placed in charge of the Lying-in Hospital and the Lunatic Asylum, and from the latter he was appointed second Surgeon in the General Hospital. Dr. Adams, who was a general favourite, was a studious, well-read man, and well up in his professional work, in the performance of which he was most conscientious.

## HOSPITAL AND DISPENSARY MANAGEMENT.

### THE METROPOLITAN HOSPITAL.

THE new Metropolitan Hospital buildings in Kingsland Road, which have for some time past been in course of erection, were opened for the reception of patients on Saturday, October 1st. The institution, which was originally known as the Metropolitan Free Hospital, has for some time past had premises of a temporary character in Bishopsgate Street, but at a recent meeting of the governors it was decided that the name of the institution be altered by the omission of the word "Free," and that henceforth it be called and known as the Metropolitan Hospital. All patients, except accident patients, are in future to contribute a small sum whilst under treatment. With the opening of this institution, North-East London may claim to possess one of the largest hospitals in the metropolis. The cost of the building, exclusive of the land, is about £25,000, but the entire cost when the intended south-end block is erected is estimated at £40,000.

### DUNOON CONVALESCENT HOMES.

EXCELLENT work continues to be done at the West of Scotland Seaside Homes, Dunoon, in the way of restoring to health the many convalescents sent to them. The annual report submitted at a meeting of subscribers held in Glasgow last week showed a year of increased prosperity and usefulness. At the date of last report 173 convalescents remained in the homes. Throughout the past year they had accommodated 3,207 convalescents, being an increase of 378 over the number of the previous year. The 3,207 comprised 1,573 men, 1,433 women, 108 boys, and 96 girls. Of the total number, 2,074 were restored to health and enabled to resume their occupations, 1,032 were relieved, 104 did not improve, 3 died, and 167 remained under treatment. The number of cases rejected by the medical referee as altogether unsuitable was 165, while 40 were delayed until fairly convalescent. As showing the work done by these homes, it may be mentioned that up to this time 35,505 persons have been received into them, most of whom were restored to health and strength. Financially the report showed that the income from all sources had been £5,245, and the total expenditure for the year was £5,243. One addition to the funds of the Homes deserves special notice; the women of Govan had handed over their Jubilee offering of £500 to it, and this received special notice in the report of the directors.

**EAST PARK HOME FOR INFIRM CHILDREN, GLASGOW.**  
THE annual meeting in connection with this home was held on October 3rd. The annual reports showed the great need of such an institution, and its increasing usefulness. At the date of last report 51 children were in the home, 47 were admitted during the year, and at the present date 52 children were inmates. The income for the year amounted to £1,387 10s. 5d., and the expenditure to £1,417 1s. 1d., being over £29 in excess of the revenue. It was stated at the meeting that the pressure for accommodation had constrained the managers to fit up one of the ordinary rooms for a dormitory during the summer months, eight additional inmates being thus admitted. There were still waiting for admission 22 girls and 7 boys.

### GLASGOW NIGHT ASYLUM FOR THE HOUSELESS.

THE annual report of this institution mentions that during the fifty years of its existence there were as many as 1,509,887 admissions, equal to a nightly average of 83. Last year's admissions were the largest for 20 years, numbering 36,950. The directors had also distributed, on their own account, 13,811 rations. The annual

subscriptions amounted to £632 13s., less by £13 than those of last year. A balance of £587 remained in the bank to the credit of the institution.

## MEDICAL NEWS.

**UNIVERSITY OF DURHAM FACULTY OF MEDICINE.**—At the recent examination for Degrees in Medicine and Surgery, the following candidates satisfied the examiners.

*First Examination for the Degree of Bachelor in Medicine in the Whole Examination.*  
—P. R. Adkins, College of Medicine, Newcastle-upon-Tyne; T. Beattie, College of Medicine, Newcastle-upon-Tyne; T. L. Bryan, College of Medicine, Newcastle-upon-Tyne; T. Buckingham, College of Medicine, Newcastle-upon-Tyne; R. H. Calvert, Yorkshire College, Leeds; G. F. Cross, College of Medicine, Newcastle-upon-Tyne; C. C. Eardley-Wilmot, St. Bartholomew's Hospital; G. Foggin, College of Medicine, Newcastle-upon-Tyne; A. Gane, St. Bartholomew's Hospital; T. G. Hall, College of Medicine, Newcastle-upon-Tyne; W. C. Haswell, College of Medicine, Newcastle-upon-Tyne; R. D. Hotchkis, St. Bartholomew's Hospital; C. H. Humble, College of Medicine, Newcastle-upon-Tyne; J. L. Joynes, Middlesex Hospital; W. McCoull, L.R.C.P., L.R.C.S.Edn., College of Medicine, Newcastle-upon-Tyne; A. M. Martin, College of Medicine, Newcastle-upon-Tyne; S. W. Plummer, College of Medicine, Newcastle-upon-Tyne; F. B. Rutter, London Hospital; H. L. Rutter, London Hospital; H. Smith, College of Medicine, Newcastle-upon-Tyne; B. T. Stokoe, College of Medicine, Newcastle-upon-Tyne; A. J. Swallow, St. Thomas's Hospital; B. B. Thorne-Thorne, St. Bartholomew's Hospital; W. R. Thurnam, St. Thomas's Hospital; H. C. Titterton, Queen's College, Birmingham; W. H. Turnbull, College of Medicine, Newcastle-upon-Tyne; W. C. Willcox, College of Medicine, Newcastle-upon-Tyne.

*In Elementary Anatomy and Elementary Physiology.*—C. V. Dingle, College of Medicine, Newcastle-upon-Tyne; C. P. Felvus, College of Medicine, Newcastle-upon-Tyne; F. E. France, College of Medicine, Newcastle-upon-Tyne; C. Meaden, Bristol Medical School; J. B. Tindall, King's College; A. E. Wear, College of Medicine, Newcastle-upon-Tyne.

*In Chemistry with Chemical Physics, in Botany with Medical Botany.*—R. C. Brown, College of Medicine, Newcastle-upon-Tyne; W. M. Davison, College of Medicine, Newcastle-upon-Tyne; G. H. Fowler, College of Medicine, Newcastle-upon-Tyne; J. P. Iredale, College of Medicine, Newcastle-upon-Tyne.

*Second Examination for the Degree of Bachelor in Medicine.*—H. B. Angus, College of Medicine, Newcastle-upon-Tyne; W. A. Atkinson, College of Medicine, Newcastle-upon-Tyne; B. Cox, College of Medicine, Newcastle-upon-Tyne; R. F. Craggs, College of Medicine, Newcastle-upon-Tyne; F. H. Halse-Francis, Guy's Hospital; F. S. Harris, London Hospital; J. F. Johns, London Hospital; E. W. D. Kite, M.R.C.S., L.S.A., Queen's College, Birmingham; R. G. P. Lansdown, Guy's Hospital; C. N. Lovely, London Hospital; W. P. Palmer, L.R.C.P., M.R.C.S., L.S.A., St. Bartholomew's Hospital; I. N. Paris, University College; H. Robinson, Yorkshire College, Leeds; E. Rye, the Owens College; R. J. Williams, London Hospital.

*First Examination for the Degree of Bachelor in Medicine (Old Regulations).*—

*Anatomy, Physiology, and Botany.*—W. J. Burleigh-Robinson, London Hospital; N. Raw, College of Medicine, Newcastle-upon-Tyne.

*Anatomy, Physiology, and Chemistry.*

L. A. Baine, College of Medicine, Newcastle-upon-Tyne.

**KING AND QUEEN'S COLLEGE OF PHYSICIANS IN IRELAND.**—At a special examination for the Licence of Midwifery of the College, held on Friday, September 30th, the undermentioned candidate was successful.

D. J. Flynn, M.D.R.U.I.

**ROYAL UNIVERSITY OF IRELAND.**—Second Examination in Medicine, October, 1887.—The Examiners have recommended that the following be adjudged to have passed the examination.

*Upper Pass Division.*—I. Banks, Queen's College, Cork; R. F. Carse, Ledwich School of Medicine; J. Eldon, Queen's College, Galway; W. Hartland, Queen's College, Cork; J. Hennessy, Queen's College, Cork; T. McDermott, Catholic University School of Medicine; J. McNamara, Catholic University School of Medicine; A. B. Mitchell, Queen's College, Belfast; W. J. O'Donnell, Queen's College, Cork; J. Taylor, Queen's College, Belfast; J. J. Tracy, Queen's College, Cork.

*Passed.*—J. Adrian, Queen's College, Belfast; R. G. Barnes, Queen's College, Belfast; H. H. Bernard, School of Physic, Trinity College, Dublin, and Carmichael College of Medicine; F. Bradshaw, Queen's College, Cork; W. A. Bullen, Queen's College, Cork; J. S. Cluff, Queen's College, Belfast; Frances Dick, London School of Medicine for Women; C. Donovan, Queen's College, Cork, and School of Physic, Trinity College, Dublin; P. H. Donovan, Queen's College, Cork; R. Dudgeon, Queen's College, Belfast; W. J. Hughes, Carmichael College and School of Physic, Trinity College, Dublin; J. A. Kelly, Queen's College, Belfast; D. A. Leahy, Queen's College, Cork; J. J. Loftus, Queen's College, Galway; R. Lyons, Queen's College, Belfast; W. McCallin, Queen's College, Galway; A. W. S. McCorniskey, Carmichael College of Medicine; J. McLiess, Queen's College, Belfast; C. G. McVicker, Queen's College, Belfast; M. J. Mahony, Carmichael College of Medicine; H. Morton, Queen's College, Belfast; T. J. Mulholland, Queen's College, Belfast; J. Nevin, Queen's College, Belfast; J. W. Obré, Queen's College, Cork; J. A. O'Leary, Queen's College, Cork; A. P. O'Toole, Queen's College, Belfast; J. M. Richey, Queen's College, Cork; A. G. Robb, Queen's College, Belfast; J. R. Steen, Ledwich School of Medicine and Carmichael College of Medicine.

The candidates in the Upper Pass Division will be allowed to compete at the Further Examination for Honours.

## MEDICAL VACANCIES.

The following vacancies are announced.

**BIRMINGHAM GENERAL DISPENSARY.**—Resident Surgeon. Salary, £150 per annum, with furnished apartments, etc., and £30 per annum for cab hire. Applications by November 10th to the Secretary.

**BLACKBURN AND EAST LANCASHIRE INFIRMARY.**—Junior House Surgeon. Salary, £30 per annum, with board, etc. Applications by October 25th, to the Secretary.

**BRISTOL ROYAL INFIRMARY.**—Obstetric Physician. Applications by December 18th to the Secretary.

**CARMARVONSHIRE AND ANGLESEA INFIRMARY.** Bangor.—House-Surgeon. Salary, £100 per annum, with board, etc. Applications by November 9th to the Secretary.

**CUMBERLAND INFIRMARY.** Carlisle.—Assistant House-Surgeon. Salary, £40 per annum, with board, etc. Applications by October 18th, to the Secretary.

**EASTERN DISPENSARY.** Bath.—Resident Medical Practitioner. Salary, £100 per annum, with furnished apartments, etc. Applications by October 17th to T. H. Plowman, Esq., 1, Russell Street, Bath.

**EVELINA HOSPITAL FOR SICK CHILDREN.** Southwark, S.E.—Registrar and Chloroformist. Salary, £30 per annum, with an additional £20 if held for twelve months. Applications by October 25th to the Committee of Management.

**GALWAY UNION.**—Medical Officer, Spiddal Dispensary. Salary, £115 per annum and fees. Applications to Mr. M. Lynch-Coleman, Honorary Secretary, Arrandale, Spiddal. Election on October 18th.

**HOSPITAL FOR CONSUMPTION.** Brompton.—Resident Clinical Assistant. Applications by October 15th to H. Dobbin, Esq., Secretary.

**HOSPITAL FOR SICK CHILDREN.** Great Ormond Street, London, W.C.—Junior Resident Medical Officer. Salary, £50 per annum, with board, etc. Applications by October 19th to the Secretary.

**INGHAM INFIRMARY AND SOUTH SHIELDS AND WESTOE DISPENSARY.**—Senior House-Surgeon. Salary, £60 per annum, with board, etc. Applications by October 17th to T. M. Hall, Esq., 70, King Street, South Shields.

**INGHAM INFIRMARY AND SOUTH SHIELDS AND WESTOE DISPENSARY.**—Junior House-Surgeon. Salary, £50 per annum, with board, etc. Applications by October 17th to T. M. Hall, Esq., 70, King Street, South Shields.

**LINCOLN UNITED FRIENDLY SOCIETIES' DISPENSARY.**—Resident Medical Officer. Salary, £200 per annum and fees, with house, coals, gas, etc. Applications by October 29th to W. Bavin, Esq., 49, Montague Street, Lincoln, or to G. Abbott, Esq., 60, St. George's Square, Sheffield.

**NOTTINGHAM GENERAL HOSPITAL.**—Resident Medical Assistant. Applications by October 19th to the Secretary.

**ROTHERHAM HOSPITAL.**—Assistant House-Surgeon. Applications by October 26th to the House-Surgeon.

**ROYAL BERKS HOSPITAL.** Reading.—Physician. Applications by October 22nd to the Secretary.

**ROYAL HANTS COUNTY HOSPITAL.** Winchester.—House-Surgeon. Salary, £100 per annum, with board, etc. Applications by November 4th to the Secretary.

**SHEFFIELD PUBLIC HOSPITAL AND DISPENSARY.**—Physician. Applications by October 17th to the Honorary Secretary.

**ST. MARK'S HOSPITAL FOR FISTULA.** City Road.—House-Surgeon. Salary, £50, with board and residence. Applications by October 22nd to the Secretary.

**ST. MARY'S HOSPITAL.** Quay Street, Manchester.—House-Surgeon and Resident Obstetric Assistant-Surgeon. Salary, £130 per annum, with board, etc. Applications by October 28th to the Secretary.

**TAUNTON AND SOMERSET HOSPITAL.**—House Surgeon. Salary, £100 per annum, with board, etc. Applications by October 29th to the Secretary.

**TAUNTON AND SOMERSET HOSPITAL.**—Honorary Surgeon. Applications by October 24th to the Secretary.

**WEST LONDON HOSPITAL.** Hammersmith Road, W.—House-Surgeons. Applications by October 27th to the Secretary Superintendent.

**WEST LONDON HOSPITAL.** Hammersmith Road, W.—House-Physician. Applications by October 27th to the Secretary Superintendent.

## MEDICAL APPOINTMENTS.

**ANTRODUS, E., M.B., C.M., M.R.C.S.Eng.**, appointed Assistant House-Surgeon to the Birmingham General Hospital.

**ARNISON, W. D.**, appointed House-Surgeon to the Newcastle-on-Tyne Royal Infirmary.

**BROCKWAY, Archibald B., M.R.C.S.**, appointed Assistant Medical Officer to the South-Eastern Hospital, Metropolitan Asylums Board, New Cross.

**BROWN, J. Macdonald, F.R.C.S.Eng., F.R.C.S.Eng.**, M.B., C.M. Edin., appointed Examiner in Medicine to the University of Aberdeen.

**COOMBE, R.**, appointed House-Surgeon to the Devon and Exeter Hospital, *vice* A. G. Blomfield, M.D., M.B., M.R.C.S.Eng., resigned.

**DUKE, A. F., M.R.C.S., L.R.C.P.Eng.**, appointed House-Surgeon to the Belgrave Hospital for Children, *vice* F. D. Woodhouse, M.R.C.S., L.R.C.P., resigned.

**HALLIBURTON, W. D., M.D. Lond., M.B., M.R.C.P., M.R.C.S.**, appointed Examiner in Medicine to the University of Aberdeen.

**JOHNSON, F. M., M.B. Edin.**, appointed Resident Medical Officer to the Royal Hospital for Women and Children, Waterloo Bridge Road, *vice* G. W. Moseley, M.B. Edin., resigned.

**LEADER, Dr.**, appointed Assistant House-Surgeon to the Royal South Hants Infirmary, *vice* Dr. Prankerd, resigned.

**LEWIS, J. N., M.R.C.S.**, appointed Resident Clinical Assistant to the East London Hospital for Children, *vice* H. Candler M.R.C.S., retired.

**LOWSON, D., M.D. Aberd., L.R.C.S.Eng., M.R.C.S.Eng.**, appointed Examiner in Medicine to the University of Aberdeen.

**LUSON, Thomas, M.B., C.M. Edin.**, appointed Medical Officer to the No. 1 District Taunton Union.

**NIHILL, J. E., M.R.C.S.Eng.**, appointed Junior House-Physician to the Newcastle-on-Tyne Royal Infirmary.

**PERN, A., L.R.C.P. Lond., F.R.C.S.Eng.**, re-elected Medical Officer of Health to the South Stonethorne Rural Sanitary Authority.

**PHILIP, R. W., M.B., C.M. Edin., M.R.C.P. Eng.**, appointed Examiner in Medicine to the University of Aberdeen.

**SHELMERDINE, H., M.B. Edin., C.M.**, appointed House-Surgeon to the Monkwearmouth Dispensary, *vice* H. Renney, M.B., B.S. Durham, resigned.

**SMITH, W. R., M.D. Aberd., M.B., C.M., F.R.S. Edin.**, appointed Examiner in Medicine to the University of Aberdeen.

**SYMES, Wm. Sandham, L.K.Q.C.P.I., L.R.C.S.I., etc.**, appointed Honorary Surgeon to the Chesterfield and North Derbyshire Hospital, *vice* A. R. Macdougall, M.B., M.R.C.S., deceased.

**WICKINSON, J.**, appointed House-Surgeon to the Newcastle-on-Tyne Royal Infirmary.

**WHITE, F. B. W., M.D. Edin., L.R.C.P., L.R.C.S.**, appointed Examiner in Medicine to the University of Aberdeen.

THE Committee of the National Dental Hospital, Great Portland Street, W., have resolved to admit ladies to be trained as dentists at this hospital. Registered Medical (Female) Students were previously admitted to the practice of the hospital, and the new resolution was passed owing to the fact that, although ladies can obtain qualifications from licensing bodies entitling them to practice as dentists, the necessary education to enable them to do so is not provided in England. Calendars and all information may be obtained on application to the Dean. In consequence of the annual increase in the number of cases treated there, which have increased from 8,509 in 1876, to 34,721 in 1886, steps are on foot to extend the hospital.

**MEDICINE IN CHINA.**—The Medical Mission at Hangchow maintained by the Church Missionary Society is doing useful work not only by giving medical and surgical treatment to nearly 8,000 persons every year, but by instructing native youths in the elements of Western medical practice. The abuse of opium was frequently the cause which brought the patients under treatment. Of eighty-eight cases of attempted suicide during 1886, it was the poison used in eighty. Eighty-two opium-smokers were successfully treated. Dr. Duncan Main states that the method adopted was immediate and complete removal of the drug, plain food, a room with lock and key, and kind words.

**ADULTERATION.**—Of 140 samples analysed by Mr. Charles E. Cassall, public analyst of St. George's, Hanover Square, during the past year, 61.9 per cent. were genuine, 20.4 adulterated, and 17.7 of inferior quality; 56 of the total samples, however, were of bread, flour, and sugar, which are at present little liable to adulteration. Of 24 samples of milk examined 79.2 per cent. were of bad quality.

**A JAPANESE GIANTESS.**—According to the native journals, Japan can boast of a phenomenal giantess. Though only 12 years and 5 months old, she is said to stand 8 feet high, and to weigh 33 kwanmé, or over 270 lbs., her hands measure over 9 inches in length, and her feet 15 inches.

**GREAT** sickness, says a telegram from Cairo, prevails among British troops in the Kasr-el-Nil Barracks, where enteric fever is rife and many deaths have occurred. The outbreak is said to be caused by the infiltration of the Nile water into the well in the barrack square. The medical officer has advised the removal of the troops.

**A FATAL** case of mushroom poisoning occurred last week at Bexley. The opinion of the medical man was that the deceased had eaten what are commonly known as "horse" mushrooms, which have noxious properties.

**EAST LONDON HOSPITAL FOR CHILDREN.**—The Earl of Meath will preside at the Ninth Festival Dinner in aid of the East London Hospital for Children, which will be held at Willis's Rooms on Thursday, November 24th, 1887. Ladies as well as gentlemen are invited to be present.

**BURKING.**—A man named Ross has recently been convicted of murdering a poor (white) woman in Baltimore, U. S. A., and selling her body to a medical college for dissection. The only extenuating circumstance mentioned was that he was thought to be weak-minded and not quite responsible for his actions.

**CENTENARIAN.**—Mrs. Charlotte Pigott died on Sunday, October 9th, at Whittington Rectory, near Kirkby Lonsdale, at the age of 102 years and three months, having always enjoyed good health up to the last few days.

**CARBONIC ACID IN INTESTINAL OBSTRUCTION.**—Dr. W. P. Copeland, of Eufaula, Ala., has reported (*New York Medical Record*) a case of acute intestinal obstruction in which, after failure of fluid enemas, the injection of carbonic acid gas was followed by the passage of faeces, and the complete relief of the symptoms.

**THE FRENCH HOSPITAL.**—The claim of the French residents in London for assistance from their Government in maintaining and extending the French Hospital in London has recently been brought under the consideration of the Cabinet Council by M. de Héredia, the Minister of Public Works.

**THE Australian Medical Journal** states that during the year 1886, 76.59 per cent. of the children born in Victoria and surviving six months were successfully vaccinated.

**THE** introductory address at the Royal College of Surgeons in Ireland will be delivered by Sir William Stokes on October 31st. The date was erroneously given in a recent issue as October 1st.

At a meeting of the Eastbourne Town Council on Monday last, it was decided to continue the muzzling of dogs, which has been enforced throughout the summer.

**THE** Duchess of Cumberland is said to have completely recovered her mental faculties, and is about to leave Professor Leidesdorff's asylum.

**MEDICAL MAGISTRATES.**—Edward Livesey Dixon, M.D., has been placed on the Commission of the Peace for the Borough of Preston; and Francis Calvert, M.R.C.S. Eng., for the Borough of Beverley.

#### MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

**MONDAY.**—**MEDICAL SOCIETY OF LONDON.** The President, Dr. J. Hughlings Jackson, will deliver an opening address. Dr. Clifford Allbutt, of Leeds, will read a paper on Simple Dilatation of the Stomach.

**TUESDAY.**—**ROYAL COLLEGE OF PHYSICIANS**, 5 P.M. Dr. W. H. Stone; The Harveian Oration.

**PATHOLOGICAL SOCIETY**, 8.30 P.M. List of Specimens to be shown: Dr. Hadden: Lymphadenoma. Mr. D'Arcy Power: Congenital Umbilical Hernia. Dr. Hale White: Carcinoma of Pancreas and Semilunar Ganglia. Mr. Bland Sutton: The Guttural Pouches of Horses. Dr. Handford: Dilatation of Oesophagus. Dr. A. H. Robinson: Aneurysmal Varix in a Stump. Mr. A. M. Shield: Rectal Polypus.

**WEDNESDAY.**—**UNIVERSITY COLLEGE, LONDON.** Medical Society, 8 P.M. Sir William Roberts, M.D., F.R.S.: The Effects of Alcohol, considered from the Points of View of History and Natural History.

**OPHTHALMOLOGICAL SOCIETY OF THE UNITED KINGDOM**, 8.30 P.M. Living and Card Specimens at 8 P.M. Mr. Nettleship: Case of Persistent Hyaloid Artery. Mr. Hartridge: An Unusual Appearance of the Optic Disc. Mr. Keill (Bristol): Congenital Small Lens in One Eye. Mr. Gunn: Case of Chronic Abscess of the Cornea. Dr. S. Herbert Habershon: On Hereditary Optic Atrophy.

**THURSDAY.**—**HARVEIAN SOCIETY OF LONDON**, 8.30 P.M. Mr. J. Bland Sutton: Hypertrophy and its Counterfeits.

#### BIRTHS, MARRIAGES, AND DEATHS.

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

##### BIRTHS.

**CORBIN.**—On Sunday, October 9th, at No. 10, Saumaurez Road, near Peter Port, Guernsey, the wife of Edward Kinnear Corbin, of a son.

**JACKSON.**—On October 11th, at Garlenick, Grampound, Cornwall, the wife of Louis Pilkington Jackson, L.R.C.P., etc., of a son.

##### MARRIAGES.

**DANIELL—HENDERSON.**—On October 6th, at All Saints, Wandsworth, by the Rev. William Reed, vicar, Richard Thomas Daniell, M.B.T.C.D., F.R.C.S.I. (Exam.), to Margaret Marion, fourth daughter of the late Robert Henderson, of Leghorn and Glasgow. No cards.

**HORSLEY—BRAMWELL.**—On October 4th, at St. Margaret's, Westminster, Victor Horsley, F.R.S., to Eldred, eldest daughter of Sir Frederick Bramwell, D.C.L., etc.

**WEBB—HAMMOND.**—On October 1st, at Rotherham Parish Church, by the Rev. J. N. Quirk, vicar, assisted by the Rev. V. F. Hammond, vicar of Drighlington, Yorks, uncle of the bride, William Edward Webb, Surgeon-Major, Army Medical Royal, to Ellen Louisa, eldest daughter of Major Lawrence Hammond, late 90th Light Infantry.

#### OPERATION DAYS AT THE LONDON HOSPITALS.

**MONDAY**—10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's (Ophthalmic Department); and Royal Westminster Ophthalmic.—3 P.M.: Metropolitan Free; St. Mark's; Central London Ophthalmic; Royal Orthopaedic; and Hospital for Women.—2.30 P.M.: Chelsea Hospital for Women.

**TUESDAY**—9 A.M.: St. Mary's (Ophthalmic Department).—10.30 A.M.: Royal London Ophthalmic.—1.30 P.M.: Guy's; St. Bartholomew's (Ophthalmic Department); St. Mary's; Royal Westminster Ophthalmic.—3 P.M.: Westminster; St. Mark's; Central London Ophthalmic.—2.30 P.M.: West London; Cancer Hospital, Brompton.—4 P.M.: St. Thomas's (Ophthalmic Department).

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

**THURSDAY**—10.30 A.M.: Royal London Ophthalmic.—1 P.M.: St. George's.—1.30 P.M.: St. Bartholomew's (Ophthalmic Department); Guy's (Ophthalmic Department); Royal Westminster Ophthalmic.—3 P.M.: Charing Cross; London; Central London Ophthalmic; Hospital for Diseases of the Throat; Hospital for Women.—2.30 P.M.: North-west London; Chelsea Hospital for Women.

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

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

#### HOURS OF ATTENDANCE AT THE LONDON HOSPITALS.

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

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

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

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

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

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

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

**ST. MARY'S.**—Medical and Surgical, daily, 1.45; Obstetric, Tu. F., 1.45; M. Th., 1.30; Eye, Tu. F. S., 9; Ear, M. Th., 3; Throat, Tu. F., 1.30; Skin, M. Th., 9.30; Electrician, Tu. F., 2; Dental, W. S., 9.30; Consultations, M., 2.30; Operations, Tu., 1.30; Ophthalmic Operations, F., 9.

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

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

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

#### LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS respecting editorial matters should be addressed to the Editor, 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*.

fact, it requires no arguments to ordinary medical practitioners to show the urgent need of some such association or company as that suggested by "Midwifery Forceps."

I have no hesitation in saying that, did I live in London or some large town, I would long ago have brought such a company into practical working order. It only requires that about three or four practical business surgeons in London should take up the matter. Form a company, and I have no doubt in my own mind that sufficient capital could easily be raised among country practitioners. Moreover, I would have no hesitation myself in taking shares, for, if properly managed, it ought to be a paying concern.

Let there be established branches in the principal towns throughout the country. Let one chief feature be a "lending department," where any shareholder or member may, for a fair remuneration, obtain the use of a certain instrument for a limited time. This would be one great boon to the country practitioner.

#### THE EMPLOYMENT OF NITROUS OXIDE IN COMBINATION WITH ETHER.

MR. S. F. BLENNERHASSET (Vernon Street, Pentonville) writes: In a letter in the JOURNAL of October 1st, Mr. E. G. Barlow, a member of the firm of Barth and Co., referring to light steel bottles for compressed nitrous oxide, states "he has reason to believe certain premisses have not been taken into consideration."

Now, as the maker of light steel bottles for compressed nitrous oxide, you will, I trust, permit me to say that, as far as I am concerned, every "consideration" has been given to this important matter, and, without wishing to go into abstruse calculations, I beg to say the bottles are constructed of the best cold drawn weldless steel tube it is capable to obtain; guaranteed by the firm who supply the tubing to stand 4,000 lbs. pressure to the square inch, and tested by me to that amount during two stages of their manufacture, that is, in progress and on completion. Their cubical contents have, too, been fully considered, and on one occasion a well known anaesthetist raised the same objections as Mr. Barlow's letter advances. To convince him the information he had received was erroneous, I took a specific bottle Messrs. Barth and Co. had declined to fill, and in his presence put 16 ozs. of compressed nitrous oxide therein, the gauge at completion of filling barely touching 1,800 lbs.

It must thus be obvious to all that under these conditions I am well within any possible contingency with a margin of 2,200 lbs.

As to the almost absurd caution of putting such a bottle near the fire, or in any other way raising its temperature, it should go without saying that even the veriest tyro would not be likely to commit such an act of folly.

#### TREATMENT OF CHRONIC OPHTHALMIA.

MR. R. D. BOASE, M.R.C.S., L.R.C.P. (Romford) writes: In reply to "A.M.S." I may state that last winter up the Nile I treated, among the natives of Egypt, a large number of cases of granular lids. I found nothing so efficacious or painless as scarification with the sharp knife point, a plan highly recommended to me by Dr. Lewis, of Philadelphia, who kindly gave me much welcome assistance in my ophthalmic work. I have since abandoned all other methods of treatment, as by blue-stone, etc. The lids being everted, the point should be drawn lightly across the granules and seats of increased vascularity. No after-treatment is necessary, although immediate bathing with tepid water of course increases the effect. I have found like treatment most satisfactory in cases of chronic ophthalmia with increased vascularity of lids, whether granules be present or not. May not "A.M.S." find a suggestion here?

#### FOREIGN DEGREES AND THE "MEDICAL DIRECTORY."

M.D. BRUX., M.R.C.P. Lond., writes: Is not your correspondent "Brussels" somewhat unnecessarily severe upon the editors of the *Medical Directory*? Surely their sole desire is to ensure the absolute correctness of the entries in their publication. "Brussels" should remember that there are foreign degrees and foreign degrees, and that a circular of the kind he mentions is a great safeguard against the insertion of bogus degrees, which I fear are still to be had for money. I heard only a short time ago of a case in which the editors had very properly refused to insert an American degree bestowed *in absentia*, the reason being that the circular was not satisfactorily filled up. Equally should "Brussels" bear in mind that foreign diplomas are not so easily verified by an inquiry at the *alma mater* as are British ones. I have some reason to believe that no British qualification is ever inserted in the *Directory* without corroboration from head quarters; but I am not actually able to vouch for this.

That there are members even of our honourable profession who are capable of sailing under false colours if they get the chance was amply proved in a late trial for murder, where the poisoner, a medical man, had somehow succeeded in getting the title M.D. Paris appended to his name in the *Directory*, a title to which he had no right whatever. Whether the editors used as much vigilance then as they do now I am unable to say. Possibly the existing circular may have been an outcome of that trial.

I beg to assure you that I hold no brief for the editors of the *Directory*, of whom I know nothing personally, but merely write in the interest of what I consider fair play.

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

Mr. E. Bellamy, London; Mr. G. Turner, Hoddesden; Messrs. W. and A. Gilbey, London; Mr. J. R. Irwin, Whitehaven; Mr. V. Horsley, London; the Secretary of the Hastings and East Sussex Hospital, Hastings; Dr. Lush, Weymouth; Mr. W. Bernard, Londonderry; Messrs. F. Lipscombe and Co., London; Dr. H. Handford, Nottingham; Dr. Hardwicke, Sheffield; Dr. D. Newman, Glasgow; Mr. T. Luson, Taunton; Dr. P. W. Mears, Newcastle-on-Tyne; Mr. E. L. Hussey, Oxford; Dr. E. G. Younger, London; Dr. Eugenio Perdigao, Correio; Mr. W. L. Browne, West Bromwich; Mr. P. de H. Haig, London; Mr. T. Fowler, Epping; Mr. W. Halgood, Killarney; Mr. J. Bateman, Northwich; Mr. T. Holmes, London; Dr. Jacobs, Dublin; Our Swiss Correspondent; Mr. C. Jackson, London; Dr. J. C. Simpson, Edinburgh; the Secretary to the University of Durham; Dr. Davidson, London; Messrs. M. Masters and Sons, London; the Registrar of Owens College, Manchester; the Secretary of the Devonshire Hospital and Buxton Bath Charity, Buxton; Mr. G. E. Williamson, Newcastle-on-Tyne; Dr. Webb, Neuilly-sur-Seine; Mr. S. M. Honan, Welshpool; Mr. D. R. Main, East Ilsley; Mr. R. G. Killett, Halstead;

Dr. Bagshawe, St. Leonard's; Mr. C. A. Webb, Nettley; Dr. H. W. G. MacKenzie, London; Mr. E. Hanley, London; Dr. C. T. Williams, London; Dr. C. Parsons, Dover; Dr. Williamson, Newcastle-on-Tyne; Mr. M. G. Davis, Pen-y-groes; Mr. E. Murphy, Ballyroan; Dr. Edwards, London; Dr. G. F. Rossiter, Weston-super-Mare; Messrs. Wilson, Solomon and Co., London; Dr. D. Campbell Black, Glasgow; Messrs. Blackwood, Edinburgh; Mr. Frederick Treves, London; Dr. Frederick Taylor, London; Mr. C. R. Tichborne, Dublin; Mr. H. Allison, Madras; Dr. P. Boulton, London; the Dean of Westminster Hospital Medical School; Dr. Steele, London; Mr. H. J. Manning, Salisbury; Mr. W. Adams Frost, London; Mr. W. J. Grant, Hastings; Mr. H. H. Phillips, Reading; Dr. Fly Smith, London; Dr. L. B. Richards, Torquay; Mr. W. Morgan, Stafford; Mr. T. Colchester, Methyr Tydil; Dr. W. Bruce, Dingwall; Mr. C. E. Shelley, London; Dr. D. Bradley, Dudley; Mr. G. B. M. White, London; Sir E. Lechmere, London; Mr. St. C. Shadwell, Walthamstow; Dr. F. Hewitt, London; Dr. Abercrombie, London; Dr. Gubb, London; Mr. H. C. Woodrow, London; Mr. R. O'Brien, London; Mr. M. H. Feeny, London; Mr. W. Cox, Winchcombe; Mr. A. B. Brockway, London; Mr. H. W. Roberts, London; Dr. Williams, Truro; Mr. T. Browning, Manchester; Dr. J. H. Warren, Boston, U.S.A.; Dr. E. G. Wake, London; Dr. J. W. Hunt, London; Dr. Davson, Dartmouth; Dr. J. C. Morgan, Manchester; Mr. W. W. Cheyne, London; Dr. W. Woodward, Worcester; Dr. H. T. Higginson, Bangor; Dr. C. Hailes, Clifton; Dr. A. H. Jacob, Dublin; Mr. J. H. B. Pinchard, Taunton; Mr. Heather Bigg, London; Our Manchester Correspondent; the Secretary of the London Skin Hospital, London; Mr. G. S. Bigg, Dover; Dr. J. Rogers, London; Dr. C. R. Illingworth, Clayton-le-Moors; Dr. Maurice Davis, London; Mr. J. Hall, Peel, Isle of Man; Mr. M. E. Thomson, Northampton; Mr. L. Humphry, Cambridge; Our Newcastle Correspondent; Dr. J. Rose, Chesterfield; Dr. Hutchinson, Glasgow; Mr. Barton, London; Dr. Corey, London; Mr. A. Pryce, Liverpool; Dr. Tatham, Salford; Dr. Smith, London; Messrs. W. Cook, Leeds; Mr. J. Liddell, Winchester; Mr. R. B. Graham, Leven; Mr. E. S. Smith, London; the Secretary of the College of State Medicine, London; Mr. A. G. Klugh, London; the Secretary of the Medico-Chirurgical Society of Glasgow; etc.

#### BOOKS, etc., RECEIVED.

Wintering Abroad. By Dr. A. Drysdale. London: J. S. Virtue and Co. 1887.

The Growth of the Recruit and Young Soldier. By Sir William Aitken, Knt. London: Macmillan and Co. 1887.

Holden's Human Osteology. By Charles Stewart and R. W. Reid, M.D., F.R.C.S. Seventh Edition. London: J. and A. Churchill.

Public Health Reports. By John Simon, K.C.B., F.R.S., etc. Edited by E. Seaton, M.D. Lond., F.R.C.P. Vols. i and ii. London: J. and A. Churchill. 1887.

Manual of Zoology. By H. A. Nicholson, M.D., etc. Seventh Edition. Edinburgh and London: W. Blackwood and Son.

Manual for the Physiological Laboratory. By V. Dormer Harris, M.D., and D'Arcy Power, M.A., M.B. Fourth Edition. Illustrated. London: Baillière, Tindall, and Cox. 1887.

Dental Caries and the Prevention of Dental Caries. By Henry Sewill, M.R.C.S. Second Edition. London: Baillière, Tindall, and Cox. 1887.

Tables of Veterinary Posology and Therapeutics. By George A. Banham, F.R.C.V.S. London: Baillière, Tindall, and Cox. 1887.

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