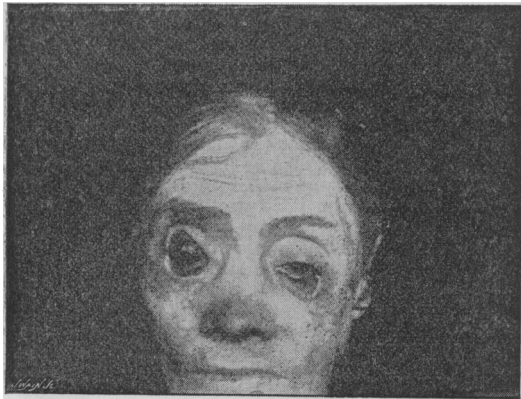


usually of several weeks. When this occurs she is able to distinguish the light from the fire or gas or from the window, and to indicate fairly well the position of a candle flame held near the eye. The eye gives her no pain.



On examining the cornea after the removal of the crust the following are the appearances: The cornea is grey and opaque, somewhat flattened, and shows some blood vessels in its substance. The limbus is indicated by an elevated ridge all round, so that the surface layers of the corneal tissue appear to have been destroyed. The whole of this surface stains greenish with fluoresceine. There is a zone of vascularity, chiefly conjunctival, around the limbus. The size and tension of the eyeball are normal. There is a chronic muco-purulent condition of the conjunctiva and lachrymal sac.

The cause of the dimness of sight in the left eye is opacity of the upper half of the cornea, due to irritation by chalky particles in the conjunctiva of the upper lid. The removal of these has greatly relieved the patient. In addition to numerous crusted patches on the face, the point of the nose is in a typical "apple-jelly" condition, and two fingers of the left hand are affected with lupus. (Two consultants, the one a physician, the other a surgeon, are agreed that the disease is tuberculous.)

Without wishing to trust too implicitly to the patient's account of her trouble, there can be no doubt that the exposure of the right cornea is of many years' duration. One would have expected that such prolonged exposure would long ago have led to perforation of the cornea and destruction of the eyeball by suppuration. Yet this has not occurred. As soon as one crust becomes detached another commences to form, grows to a considerable thickness, and then, owing to a collection of fluid beneath it, separates and leaves the corneal tissue exposed and almost perfectly clean.

One must presumably call the disease keratitis e lagophthalmo, though it has not run an acute course. The patient refuses any operation on the face or amputation of the fingers. In any case a plastic operation on such a patient would probably be unsuccessful.

## MEMORANDA:

### MEDICAL, SURGICAL, OBSTETRICAL, THERAPEUTICAL, PATHOLOGICAL, Etc.

#### HYSTERICAL CONTRACTION OF THE KNEE-JOINT IN A BOY.

I was sent for on the evening of June 8th to see F. R., aged 9, who I was informed had received a kick on the left iliac fossa an hour or so previously.

On examination, there was no evidence of contusion, but marked tenderness, and the boy had vomited. After rest in bed for a day or two, the tenderness gradually decreased, no other symptoms manifesting themselves. On the third day he was sufficiently well to get up for a short time, when it was found that he was unable to put the sole of his left foot

to the ground. There was marked contraction of the knee-joint with superficial tenderness over the knee, hip, and lower part of the lumbar spine. Any attempt at extension very much aggravated the pain. He was ordered complete rest in bed for a day or two, but no improvement taking place, a weight and pulley were applied, with the result that in two days the limb became perfectly straight, and the boy was able to walk about without any symptom.

I thought this case worth reporting on account of the age and sex of the patient. I am under obligation to Mr. J. S. Purdy for kindly taking notes of the case for me. I may also add that there had been no previous manifestation of any neurotic tendency.

Leeds.

W. MARTIN FROBISHER, M.R.C.S.Eng.

#### CASE OF CHLOROFORM POISONING: RECOVERY.

As cases in which chloroform has been swallowed for the purpose of committing suicide are somewhat rare, the following case which has come under my notice may prove interesting:

I was called at 8.30 to see a servant girl, aged 19, who had been found lying in bed insensible. I was informed by her mistress that as the servant had failed to appear in the morning, she had gone to her room and had found her insensible.

I found the patient insensible, the face somewhat flushed, breathing stertorous, foaming at mouth, and jaws tightly closed. The pupils were greatly dilated, the eyes directed upwards and outwards, and conjunctival reflexes gone. The limbs were cold, flaccid, and covered with a clammy perspiration. The pulse was slow, feeble, and irregular.

I immediately gave her gr.  $\frac{c}{v}$  of strychnine hypodermically, and slapped her chest and face with a wet towel. On learning the nature of the case, I had despatched a messenger to Dr. Pinkerton requesting him to bring the stomach pump, etc., and on his arrival we proceeded to wash out the stomach first with a solution containing 7 grains of sulphate of zinc and then with a solution containing bicarbonate of soda, some of which was allowed to remain in the stomach. In the fluid which was returned from the stomach we detected a slight odour of chloroform. We applied mustard over the cardiac area, and hot water bottles to the feet and legs. Under this treatment she recovered consciousness; the pupils became less dilated, the pulse improved, and her breathing became normal, but showed great signs of a tendency to relapse again.

I had her moved as soon as she seemed able to another bed, and in doing so a one-ounce bottle containing about two drachms of chloroform was found concealed among the bed-clothes. I ordered her to have an enema of hot coffee and drinks of water containing bicarbonate of soda.

The after-history is of no interest. She made an uninterrupted recovery, and on account of some slight gastric pain she had a mixture of bismuth and alkalies, and is now quite well.

REMARKS.—(1) I learned from a fellow servant that when she left her at 7 A.M. she was quite well, but seemed depressed, so that it was within two hours after she took the chloroform that I saw her. (2) I was led to make the diagnosis of chloroform poisoning on account of there being found near her bed a bottle said to contain a mixture of carbolic acid, creasote, and chloroform, and as there were no signs of carbolic acid or creasote poisoning I fell back on chloroform, the signs of poisoning by which were well marked. This was verified by the subsequent finding of the bottle containing the chloroform. (3) I estimate the quantity of chloroform taken to be about six drachms. (4) The patient, although she took the chloroform undiluted, never complained of any pain or discomfort in the mouth or fauces.

Southport.

W. B. ARMSTRONG, M.B., C.M.

APPARENT DEATH.—A Committee has been formed in Naples for the study of the question of apparent death. The President is Dr. Oscar Giacchi, and the members are Drs. G. Albertolli, F. Bonelli, E. Chiaiso, S. Lanza, F. Conti, L. Lombar, and P. Vandoni, and Miss Elizabeth Berkeley-Barter. The Secretaries of the Committee are Dr. F. Bonelli and Signor C. Gallo.

12. Give the microscopic appearances presented by the nerve cells found in the cortex of the cerebral lobes and cerebellum of man.

\* \* We have consulted a distinguished Professor of Physiology in England, who writes: The paper appears to me to be eminently ridiculous. Some of the questions, like No. 4 and part of No. 5, are simply foolish; others involve a knowledge of pathology, bacteriology, hygiene, and medicine, as well as of physiology and histology. To answer the questions at all adequately, I should recommend three years as the minimum time instead of three hours.

#### GUARDIANS AND MEDICAL FEES.

SIR,—As a district medical officer of many years' standing I cannot help expressing both surprise and indignation at the action of the guardians of the Romford Union<sup>1</sup> in refusing to pay an extra medical fee on the ground that the order was lost. It would have been simple enough for the relieving officer to have granted a duplicate order. Why was this not done?

It is more than a mere question of technicality—it is a question of dishonesty or honesty. Suppose it had been a load of flour or a leg of mutton, the order for which had been lost, would a similar excuse have been made? Certainly not. But the case is worse than that, for the medical officer is their own servant, and no doubt will have made due entries of his attendances in his district medical book.

I hope the matter will not be allowed to rest here, but that a question will be asked in the House of Commons about such a proceeding.—I am, etc.,

Leigh, Lancashire, July 10th.

B. JONES, M.D.

## OBITUARY.

DR. MICHAEL MURPHY, who died at his residence, Camden Quay, Cork, on July 4th, appeared to be in his usual health up to the time of his decease, and was out walking the previous evening. After a highly-successful college career, he took the degree of M.D. in the Royal University of Ireland in 1886, and was soon after appointed Resident Medical Officer to the Cork Workhouse. In 1892 he was appointed Physician of the Mercy Hospital. He held also the position of Consulting Medical Officer to the Cork Union, and up to a short time before his death was Treasurer of the Cork Medical and Surgical Association. Death was due to latent heart disease.

THE death of Mr. HENRY WINTERBOTTOM took place on July 2nd at Birkdale, Southport, in his 74th year. He was a son of Captain J. Winterbottom, R.N., and was born near Ashton-under-Lyne in 1823. He was educated at the Wakefield Grammar School, Guy's and St. Thomas's Hospitals, and partly at the Royal School of Medicine, Manchester, and became M.R.C.S. in 1845 and L.S.A. in 1846. After studying a short time at the Hôtel-Dieu, Paris, he was appointed Surgeon to St. Mary's Hospital, Manchester, and subsequently became Lecturer on the Diseases of Women and Children there. He held this office for some years when the demands of a large general practice compelled his retirement, and was appointed to the Consulting Staff. He continued to practise in Bury New Road, Manchester, until about sixteen years ago, when he developed symptoms of angina pectoris, and at once relinquished practice. In the early part of his career he contributed various papers to the medical journals. He was Surgeon to the Manchester Post Office. His death occurred after a week's illness from pulmonary embolism.

DEATHS IN THE PROFESSION ABROAD.—Among the members of the medical profession in foreign countries who have recently passed away are Dr. Johan Gerlach, of Reichenberg, Surgeon to the Stephanie Hospital of that city, and an ophthalmologist of great reputation throughout Northern Bohemia, aged 72; Dr. P. C. Plugge, Professor of Pharmacology and Toxicology in the University of Groningen; Professor Johann Ritter von Leich, formerly Dean of the Medical Faculty of the University of Vienna, and Dean of the Doctoren-Collegium of that city, aged 84; and Professor Letamendi, of Madrid.

<sup>1</sup> BRITISH MEDICAL JOURNAL, July 3rd, p. 39

## MEDICO-PARLIAMENTARY.

### HOUSE OF LORDS.

#### LUNACY BILL.

THE LORD CHANCELLOR moved the second reading of this Bill, calling attention to the clause dealing with pensions, which, in the case of certain officers in the asylums, was deserving of attention.—The Earl of KIMBERLEY emphasised the claims of those officers who were brought into contact with the patients. He had received representations from Norfolk, in which he resided, and from other counties making suggestions as to the age of retirement and pensions, which he thought deserved careful consideration.—The Bill was read a second time.

### HOUSE OF COMMONS.

#### THE LONDON WATER QUESTION.

MR. CAUSTON asked the President of the Local Government Board whether his attention had been drawn to the fact that the Southwark and Vauxhall Water Company was only giving an intermittent supply of water to many of the large blocks of workmen's dwellings in certain parts of West Southwark; and whether he proposed to take any, and if so what, measures to compel the company at once to comply with the law, and give a constant supply?—MR. CHAPLIN: The Local Government Board have received no complaints of the water supply being intermittent in the cases referred to, and I have, therefore, no compulsory powers even if the facts were as stated. When notice was given of the question I instructed General Scott to make inquiries into the matter. The company did not admit the allegations, and I am informed by the company that the buildings in West Southwark continue to be well supplied with water, and no complaint exists.—MR. TRITTON asked a question as to the great inconvenience and danger to which the inhabitants of Norwood had been lately exposed by the failure in the water supply.—MR. CHAPLIN: I have communicated with the Lambeth Water Company and impressed upon them the great importance of giving early notice, as far as circumstances will permit, of any probable deficiency in the water supply of their district. I think I should add that the deficiency in the supply was very sudden, that it was occasioned by causes which could not have been foreseen, and was at an end after five or six days. Under such circumstances it would have been very difficult to give notice to the many thousands of water consumers in the district in time to be of practical service.

#### BUBONIC PLAGUE.

MR. KNOX asked the President of the Local Government Board whether his attention had been called to the bacteriological report and the despatch of March 10th from the Government of India, showing that mice inoculated with an infusion from grain infected by the plague bacillus died in some cases though the grain had been for thirteen days free from fresh infection, and that the bacilli might at a later date reacquire toxic properties under favourable conditions; and whether he could state what steps had been taken to prevent the introduction of the plague into the United Kingdom.—MR. CHAPLIN: My attention has been drawn to the report and despatch referred to. From the report it would appear that an experiment in which mice were deliberately injected beneath the skin with preparations of nine different species of grain which had been purposely infected with microbes of bubonic plague, one single mouse injected with one of these nine preparations died after twenty-four hours, whilst all the others survived. As regards the mouse that died it is stated that it "showed no appearances microscopically or otherwise, of having succumbed to bubonic infection," and I am advised that no scientific conclusion should be drawn from such a result. I do not gather that the report shows "that the bacilli might at a later date reacquire toxic properties under favourable conditions." What the report says is that the Government of India are advised that the experiments are not conclusive, since such reacquirement of toxic properties may be possible. The steps which have been taken to prevent the introduction of plague into England and Wales are embodied in an order relating to plague, cholera, and yellow fever, which was issued by the Local Government Board in November, 1896. These regulations were brought under the direct notice of every urban, rural, and port sanitary authority in England and Wales. I also instructed medical inspectors of the Department to pay special visits to a number of ports which are in somewhat frequent communication with ports of India.

#### EXPERIMENTS ON LIVING ANIMALS.

MR. JOHN ELLIS asked the Home Secretary whether the figures of experiments on living animals contained in Return No. 239 of this session were obtained from the licensees who performed them, and in that case whether any steps were taken to verify their accuracy? Whether each of the "licensed places" was inspected during the year to which the return related, and how many of them more than once? Whether any of the visits of inspection were surprise visits; and, if so, how many? And whether he had personally satisfied himself that the licences and certificates were all issued only to such places and persons, and with such objects as are contemplated by the Cruelty to Animals Act, 1876?—MR. JESSE COLLINGS (for the HOME SECRETARY) said: Yes, the returns are obtained from the licensees, and the check, of course, upon them is supplied by the visits of the inspectors, which, with a few exceptions, are paid without notice. Four registered places at which no licences were in force, and the laboratory attached to the Board of Agriculture, which was only registered on December 1st, were unvisited during the year. Five places were visited once only; eight twice; twenty-five three times; two four times, three five times, and one six times. No licensee was found during any of these visits to be exceeding his powers. The answer to the last paragraph of the question is in the affirmative.—MR. WEIR asked the Home Secretary whether he had yet been able to institute the promised inquiry into the allegations made by Dr. E. Berdoe, in regard to the use of curare in the practice of vivisection; and, if so, would he state the result of his inquiry?—The HOME SECRETARY: Yes, I have made full inquiry into the allegations contained in the letter and statement which he

hon. member forwarded to me, and find that they are absolutely baseless. The experiments referred to were performed on animals under full chloroform anaesthesia; the morphine, to which alone allusion was made in the published account of the experiments, being used in addition. Curare was used, but not as an anaesthetic.

#### ELECTION OF MEDICAL OFFICERS OF HEALTH.

Mr. HELDER: I wish to ask the President of the Local Government Board if his attention has been directed to the recent elections of medical officers of health, especially for the urban district of Keswick and the borough of Brighouse, Yorks? And whether he is aware that for both of these posts, although there were candidates possessing special diplomas in sanitary science and special training in public health work, the candidates appointed in both districts were non-possessors of any special diploma in public health, and had not received any special training in this particular department?—Mr. CHAPLIN: The Local Government Board has received reports of the recent appointments of medical officers of health by the urban district council of Keswick and the town council of the borough of Brighouse. I have no information as to the qualifications of the other candidates for these appointments, but in both cases the candidate appointed possessed the qualifications prescribed by statute. The Act only requires that a medical officer of health should be the holder of a diploma in sanitary science, public health, or State medicine when the district for which he is appointed has, according to the last published census, a population of 50,000 or more. The population of Keswick in 1891 was 3,905, and of Brighouse 20,666.

#### DOG MUZZLING.

Mr. SCHWANN asked the Home Secretary what was the number of convictions for infringement of the order for muzzling of dogs for the last four or five years respectively in England?—The HOME SECRETARY: I cannot give the hon. member precisely the information he asks for, but I may quote the numbers given in the judicial statistics of persons proceeded against for offences generally in relation to dogs, a heading that includes, besides infringements of muzzling orders, infringements of certain statutory requirements as to keeping dogs muzzled or otherwise under proper control. The number so proceeded against in the years 1893 and 1895 were 3,529, 9,265, and 31,434, of whom respectively 2,952, 7803, to 27,527 were convicted. No doubt the great majority of the proceedings were for infringements of muzzling orders.—Mr. J. W. WILSON asked the President of the Board of Agriculture, whether he was prepared to bring in a Bill giving effect to that part of the Departmental Committee's Report which advised the annual issue of a metal disc to be worn by the dog when licensed, with a view to reducing the number of stray dogs, and thus avoiding, as in many foreign countries, the necessity for muzzling orders: And whether it might be possible for such legislation to be pressed forward with a view to taking effect as soon as the present muzzling order could be relaxed. Mr. WALTER LONG: A Bill for giving effect to those recommendations of the Departmental Committee on the dog laws which cannot be carried out without further legislation is now in course of preparation and will, I hope, be introduced very shortly. Whether it will be possible for it to be passed into law this session must depend upon circumstances over which I have no control, but I do not anticipate of any great difference of opinion will arise with regard to the proposals.

#### CLASSIFICATION OF PATIENTS IN COUNTY ASYLUMS.

Mr. WEIR asked the Home Secretary if he would state the result of his inquiry in regard to the classification of patients in county asylums whose maintenance was either wholly or partly recouped by sums received from relatives: And whether it was intended to continue to classify such patients as paupers? The HOME SECRETARY: The inquiry I have made confirms the supposition which I expressed in my previous answer on this subject that no real grievance exists. The present classification is based on the definition of the word "pauper" in the Lunacy Act of 1890, and I do not see sufficient reason for introducing the legislation which would be necessary if any alteration were to be made.

#### DISPENSERS TO POOR-LAW UNIONS.

Mr. LYTTELTON asked the President of the Local Government Board if he could state why the standard of qualification for appointment as dispenser to a Poor-law union had been reduced, so that persons other than those possessing a statutory qualification in pharmacy were now eligible for such appointments: and whether, having regard to the special technical training required in such dispensers, the Local Government Board would take steps to obtain for the sick poor in the various unions under their jurisdiction the security afforded by dispensers possessing a statutory qualification to dispense medicines?—Mr. CHAPLIN: The Local Government Board in June, 1895, issued an order by which compounders of medicines duly qualified in accordance with the regulations for the Army Medical Staff Corps were recognised as qualified for appointment as dispensers by Boards of Guardians. The Board had previously issued similar orders as regards particular cases. The order referred to was not issued without careful consideration.

#### THE CARE OF STATE-AIDED CHILDREN.

Mr. PICKERSGILL asked the President of the Local Government Board whether, in compliance with the request contained in a memorial addressed to him by Lord Peel on behalf of the State Children's Aid Association, he would take steps to secure that the Children's Committee of the Metropolitan Asylums Board should be strengthened by the nomination thereon of men and women experienced in dealing with children and interested in educational matters.—Mr. CHAPLIN: There are at present no vacancies in the number of nominated managers, but when it again becomes necessary for the Local Government Board to nominate members, in March of next year, or if before that time the number of elected managers should be increased, I shall certainly in making such nominations have regard to the new duties with regard to children which now devolve on the managers.

#### FEVER IN THE BELMULLET UNION.

Mr. G. BALFOUR, in reply to a question by Mr. CRILLY as to the epidemic

of typhus fever in the Belmullet Union, said that two cases of fever had been reported to the Local Government Board as having occurred on the mainland, and both were removed to hospital. The Board of Guardians had applied to the Commissioners of National Education for the use of the schoolhouse on the island for the purpose of a temporary fever hospital, and this application, which was supported by the Local Government Board, had been complied with. The Board had further advised the guardians of their powers, under Section 155 of the Public Health Act, to provide temporary places for the treatment and reception of the sick or convalescent, and the Congested Districts Board had placed at the disposal of the guardians a large shed on the island for this purpose. The staff of paid nurses at present on the island consisted of two trained and two untrained nurses. The nursing was under the direction of a temporary medical officer specially engaged for the island during the continuance of the fever. The guardians have power to appoint as many additional nurses as the medical staff recommends, and the inspectors of the Local Government Board were advising them in the matter. Of the two trained nurses belonging to the City of Dublin Hospital who were suffering from fever in the Belmullet Hospital, as a consequence of attending the fever-stricken patients on the Island of Inniskea, one was doing well but the condition of the other was not satisfactory.—Mr. FIELD asked the Chief Secretary whether he was aware that in February, 1897, the medical officer, Dr. Cleary, reported to the guardians of Belmullet Union an epidemic of fever, and asked that proper sanitary precautions should be taken; whether the Government would give a grant to relieve the distress and provide the nourishment necessary for the islanders of Inniskea; and whether, as the communication between the mainland and the island was by open boat, it would be improved and facilitated during this exceptional period?—Mr. G. BALFOUR: The facts are as stated in the first paragraph. The fever cases referred to occurred on the mainland, where, I regret to state, fever is seldom entirely absent owing to the insanitary condition of many of the dwellings of the people. The necessary sanitary precautions were at once adopted by the guardians, and the medical inspector of the Local Government Board was instructed personally to satisfy himself that all the requisite steps were taken as well as to assist the guardians by his advice. As regards the islanders of Inniskea, relief and nourishment have already been provided for those of them who are sick or destitute. The Congested Districts Board have placed their steamer at the disposal of the guardians and the local officials for the purpose of communication with the island.—Mr. CRILLY asked if any report was to hand intimating that the epidemic of fever which had been prevailing had broken out on the mainland in the populous village of Glencastle, close to the town of Belmullet; and, if any such report had been received, could the dimensions of the latest outbreak be stated.—Mr. G. BALFOUR: Two cases of fever are reported to have occurred near Glencastle, and the necessary steps are being taken by the medical officers on the spot to prevent spread of the disease.—Mr. CRILLY: In view of the fact that there is an additional nursing and medical staff applied for, although there are eleven nurses and one additional doctor there already, will the Local Government Board pay for this extra nursing staff which is required?—Mr. G. BALFOUR: It is the duty of the guardians to deal with the outbreak; but if they are unable or unwilling to bear the additional expense, it is the duty of the Local Government Board to do it.—Mr. CRILLY: I hope the Local Government Board will take note of that answer.—In reply to a further question, Mr. G. BALFOUR said that, in regard to the two nurses as to whose condition he had made a statement on a previous occasion, the condition of one remained favourable while that of the other was improving.

#### COTTON CLOTH FACTORIES.

A Bill to give power to make regulations with respect to cotton cloth factories has been brought in by the Home Secretary, Sir Matthew White Ridley, and Mr. Jesse Collings.

#### THE COMMITTEE ON PETROLEUM.

The report from the Select Committee, with minutes of evidence, was read. The inquiry is not yet completed.

#### THE YORKSHIRE CORONERS BILL.

The House has had this Bill under consideration in Committee, but progress was reported before the stage had been concluded.

## UNIVERSITIES AND COLLEGES.

#### UNIVERSITY OF ABERDEEN.

THE University Court of the University of Aberdeen, at its meeting on July 13th, appointed as additional examiners, each for a period of four years from February 1st, 1898, the following:

In *Anatomy*.—A. Keith, M.D.Aberd., of the London Hospital Medical College, London, E.

In *Physiology*.—M. S. Pembrey, M.A., M.D.Oxon., of Charing Cross Hospital Medical School, London.

#### CONJOINT BOARD IN ENGLAND.

THE following gentlemen have passed the Second Examination of the Board in the subjects indicated:

*Anatomy and Physiology*.—T. Sayer, H. Leach, and E. S. G. Fowler, Yorkshire College, Leeds; A. C. Oliver, University College of South Wales, Cardiff; G. P. Smith, L. A. W. Johnston, J. B. Stanley, V. H. Symons, and B. S. Hollick, Mason College, Birmingham; A. E. U. Hawkes, University College, Liverpool; F. B. Alderson and W. H. Forshaw, Firth College, Sheffield; W. F. H. Coke, St. George's Hospital; S. J. Willcox, University College, Bristol; O. L. Addison, University College, London; A. C. S. Waters, Cambridge University; S. H. Modi, Grant Medical College, Bombay and St. Bartholomew's Hospital; W. B. Parsons and W. J. McCoy, Medical College, Madras; R. A. Lloyd, A. T. Compton, G. S. A. Smith-Wynne, F. W. Sheppard, C. S. Chalk, A. E. J. Lister, and T. M. Pearce, St. Bartholomew's Hospital; D. P. Chapman, Charing Cross Hospital; H. C. Pretty

and C. A. Gill, University College, London; E. M. Ridge, B. C. Broomhall, C. R. Porter, and E. W. Bain, London Hospital; B. G. Patch and H. G. Pinches, St. Thomas's Hospital; S. G. Penny, St. George's Hospital; A. F. Hayden, St. Mary's Hospital; S. J. Peake, King's College, London; R. R. Cruise, E. O. Faulkner, H. T. Newling, R. A. Facey, and C. E. Thwaites, St. Mary's Hospital; F. W. Longhurst, St. George's Hospital; J. S. Smith, Middlesex Hospital; H. W. Hodgson, A. B. Soltan, London Hospital; B. S. Bartlett, R. L. Hagger, G. A. Upcott-Gill, University College, London; M. J. Rees, F. G. Gibson, Guy's Hospital; J. E. Richards, W. M. Anderson, Charing Cross Hospital; E. A. Donaldson-Sim, St. Bartholomew's Hospital; J. G. Glasgow, St. Thomas's Hospital and Mr. Cooke's School of Anatomy and Physiology; C. H. Downer, King's College, London; T. P. Allen, W. C. B. Smith, P. B. Grenfell, and R. T. Cooke, St. Bartholomew's Hospital; T. S. D. Enderby, E. Raven, and D. D. Turner, St. Thomas's Hospital; J. H. Hart, St. Thomas's Hospital and Mr. Cooke's School of Anatomy and Physiology; W. A. McEnery, Middlesex Hospital; E. V. Aylen and J. Davey, London Hospital; A. C. D. Newton, W. L. Steele, University College, London; A. W. Talbot, E. H. Felton, Guy's Hospital; F. B. Jefferiss, King's College, London; W. G. Hopkins, St. Mary's Hospital; E. R. Walker, Charing Cross Hospital; S. B. Green, H. C. Adams, and D. Davies, St. Bartholomew's Hospital; T. D. Miller, St. Thomas's Hospital; J. R. Clemens, Jefferson College, Philadelphia, and St. Thomas's Hospital; A. St. J. Bateman and W. L. Stuart, King's College, London; E. C. Clements, Middlesex Hospital; C. E. Last, St. Mary's Hospital; P. Dalgado, Grant Medical College, Bombay; H. Somerville, Westminster Hospital; G. E. Goode and S. N. Foulkes, London Hospital; T. C. Savage, University College, London; T. S. Smith, St. Mary's Hospital.

*Anatomy only.*—S. M. Dowling, the Catholic University of Ireland, Dublin and University College, Bristol; J. E. Jones, University College, Bristol; H. Charles, Middlesex Hospital; L. F. Enthoven, Cambridge University and Mr. Cooke's School of Anatomy and Physiology; T. L. Butler, St. Mary's Hospital.

*Physiology only.*—E. R. L. Thomas, London Hospital; and F. A. Simpson, St. Mary's Hospital and Mr. Cooke's School of Anatomy and Physiology.

Eighty gentlemen were referred in both subjects, 5 in Anatomy only and 3 in Physiology only.

#### ROYAL COLLEGE OF SURGEONS OF ENGLAND.

THE following gentleman, having previously passed the necessary examinations and having now conformed to the by-laws and regulations, has been admitted a Member of the College:

D. J. Armour, M.D., Toronto, Toronto University and University College Hospital.

#### CONJOINT BOARD IN IRELAND.

SECOND PROFESSIONAL EXAMINATION.—The following candidates have passed this examination:

*Completed the Examination.*—Honours: Miss E. A. B. Marks. Pass: W. R. Blackwell, Miss M. E. Bridgford, J. W. Clarke-Bayliss, J. F. Cleary, V. F. Connor, W. A. Cooke, E. Duffy, R. B. Elliott, H. Graff, J. E. Hannigan, D. L. Harding, G. C. L. Kerrans, P. J. McGinn, J. H. O'Connell, T. A. E. Rooke, G. F. Sheehan, T. N. Smith, G. Tickell.

*In Anatomy.*—M. Ballesty, J. F. Brogan, H. M. Clarke, P. N. Creagh, W. C. Croly, A. La T. Darley, W. H. Dodd, G. Downing, G. H. Enright, C. H. Falvey, D. A. Faris, A. Fitzgerald, M. M. Goldfoot, M. Graham, Mrs. Hennessy, G. F. Kennedy, G. Lacy, Miss La Fontaine, C. C. Mecke, D. F. O'Donoghue, J. J. O'Halloran, J. O'Leary, E. M. Pennefather, J. Roberts, C. J. Sullivan, H. H. Swanzy, E. R. Townsend, A. L. Tyndall.

*In Physiology.*—M. Ballesty, S. Browne, G. Canilla, W. N. L. Cherry, A. La T. Darley, W. H. Dodd, G. H. Enright, M. M. Goldfoot, J. Hutch, J. J. O'Halloran, J. O'Leary, E. M. Pennefather, C. J. Sullivan, H. H. Swanzy, J. Verdon.

*In Materia Medica.*—J. F. Brogan, S. Brown, C. H. Falvey, D. A. Faris, T. Farrell, Mrs. Hennessy, R. A. Johnston, G. Lacy, Miss La Fontaine, C. C. Mecke, J. J. McInerney, D. F. O'Donoghue, C. J. Sullivan, H. H. Swanzy, J. Verdon, H. J. Westropp.

*In Histology.*—S. Browne, W. N. L. Cherry, W. C. Croly, A. La T. Darley, C. H. Falvey, A. Fitzgerald, M. M. Goldfoot, Mrs. Hennessy, J. Hutch, J. J. Huston, C. C. Mecke, E. M. Pennefather, E. R. Townsend.

*In Hospital Practice.*—J. F. Brogan, J. Lacy.

#### ROYAL COLLEGE OF PHYSICIANS IN IRELAND.

THE undermentioned candidates, who had passed the required examinations, have been admitted to their respective grades in the College:

*Membership.*—H. Jelllett, M.B. Univ. Dubl.

*Licence in Midwifery.*—W. Davies, M.R.C.S. Eng.

#### SOCIETY OF APOTHECARIES OF LONDON.

PRIMARY EXAMINATION: PART II.—The following candidates have passed in:

*Anatomy.*—K. M. Betts, Royal Free Hospital; T. Burdekin, University College Hospital; C. E. C. Child, Charing Cross Hospital; H. H. Cotman, Aberdeen; T. B. Fawley, Leeds; K. E. Gregg, Royal Free Hospital; T. A. B. Harris, Sheffield; W. M. Hocken, Liverpool; T. E. Holman, Guy's Hospital; H. N. Horton, Middlesex Hospital; H. E. D. Lloyd, St. Bartholomew's Hospital; R. A. Lyster, Birmingham; H. Macmaster, Sydney and Edinburgh; D. V. Muller, Charing Cross Hospital; E. C. Pratt, Birmingham; M. E. Roake, Royal Free Hospital; L. Sells, St. Thomas's Hospital; S. H. Smith, Royal Free Hospital; A. E. Whitehead, Sheffield; W. R. Wilson, Dublin.

*Physiology.*—W. Asten, Birmingham; H. H. Beale, St. Mary's Hospital; J. R. Bentley, Cambridge and Middlesex Hospital; K. M. Betts, Royal Free Hospital; A. J. Blair, Belfast; A. F. Carlyon, Middlesex Hospital; A. Croneen, Guy's Hospital; A. M. Crosfield, Edinburgh;

T. B. Fawley, Leeds; O. H. C. Fulton, Dunedin and Edinburgh; G. H. L. Hammerton, Sheffield; T. A. B. Harris, Sheffield; A. T. Harvey, London Hospital; H. N. Horton, Middlesex Hospital; H. E. D. Lloyd, St. Bartholomew's Hospital; E. C. Pratt, Birmingham; M. E. Roake, Royal Free Hospital; F. E. Shean, London Hospital; S. H. Smith, Royal Free Hospital; A. E. Whitehead, Sheffield; J. H. Williams, London Hospital.

PRIMARY EXAMINATION: PART I.—The following candidates have passed in:

*Biology.*—E. M. Forsyth, Royal Free Hospital; K. M. H. Hawkins, Royal Free Hospital; T. G. Prosser, Royal Free Hospital.

*Chemistry.*—T. M. Burton, Royal Free Hospital; A. E. Gilford, Royal Free Hospital; C. Hind, Royal Free Hospital; H. M. Jones, Royal Free Hospital; D. E. Lockwood, Royal Free Hospital; F. H. Maberly, Birmingham; L. S. Molony, Royal Free Hospital; F. M. Payne, Royal Free Hospital; E. J. Polito, Royal Free Hospital; F. M. Rodgers, Manchester; C. M. Scott, Royal Free Hospital; G. E. Soltan, Royal Free Hospital; M. E. Unwin, Royal Free Hospital.

*Materia Medica and Pharmacy.*—J. Buckley, Manchester; H. H. Cotman, Aberdeen; E. A. Dunn, Royal Free Hospital; R. F. Ellery, St. Bartholomew's Hospital; W. J. H. Hepworth, Edinburgh; S. F. Hickman, Royal Free Hospital; W. Hunter, Durham; R. O. Jones, Guy's Hospital; E. McD. Judge, Guy's Hospital; J. A. Wolverson, Birmingham.

## NAVAL AND MILITARY MEDICAL SERVICES.

### THE NAVY.

THE following appointments have been made at the Admiralty: JAMES C. F. WHICHER, Staff-Surgeon, to the *Scout*, July 13th; HOWARD J. MCC. TODD, Staff-Surgeon, to the *Caledonia*, July 13th; JOSEPH R. McDONNELL, M.D., Staff-Surgeon, to the *Flora*, undated; HUGH ST. D. GRIFFITHS, Surgeon, to the *Barrosa*, for charge of the *Flora*, July 10th; GEORGE MCGREGOR, Surgeon, to the *Vernon*, July 19th; OSWALD REES, M.D., Surgeon, to the *Pembroke*, July 13th.

### CHANGES OF STATION.

THE following changes of Station amongst the officers of the Army Medical Staff have been officially notified to have taken place during the past month:

	From.	To.
Brig.-Surg.-Lt.-Col. R. C. Eaton ...	Bombay ...	Newcastle-on-Tyne.
Surg.-Lieut.-Col. I. B. Emerson ...	Norwich ...	Colchester.
Surg.-Major J. F. Brodie, M.D. ...	Ballincollig ...	Fermeoy.
" A. E. J. Croly ...	Hounslow ...	Madras.
" T. F. MacNeece ...	Bombay ...	Portsmouth.
" E. W. Barnes ...	Madras ...	Hounslow.
" E. O. Milward ...	Bengal ...	C. of G. Hope.
" G. Wilson, M.B. ...	Chatham ...	Sheerness.
" R. J. McCormack, M.D. ...	W. Africa ...	Woolwich.
Surg.-Capt. F. W. G. Hall, M.B. ...	Bermuda ...	Curragh.
Surg.-Lieut. J. A. Murison, M.B. ...	Half Pay ...	Dublin.
" F. S. Brereton ...	Chester ...	Ashton-under-Lyne.

Surgeon-Lieutenant-Colonel J. Hoysted, retired pay, has been transferred from Newcastle-on-Tyne to Norwich; and Brigade-Surgeon I. Hoysted, retired pay, has been succeeded by Surgeon-Lieutenant-Colonel W. M. James, retired pay, in the charge of the troops at Beverley.

## PUBLIC HEALTH AND POOR-LAW MEDICAL SERVICES.

### HEALTH OF ENGLISH TOWNS.

IN thirty-three of the largest English towns, including London, 6,750 births and 3,192 deaths were registered during the week ending Saturday last, July 10th. The annual rate of mortality in these towns, which had declined from 15.8 to 14.7 per 1,000 in the three preceding weeks, rose again to 15.1 last week. The rates in the several towns ranged from 7.3 in Croydon, 8.7 in Huddersfield, 8.8 in Swansea, and 9.3 in West Ham to 20.0 in Liverpool, 20.6 in Burnley, 21.3 in Salford, and 23.1 in Preston. In the thirty-two provincial towns the mean death-rate was 15.2 per 1,000, and almost corresponded with the rate recorded in London, which was 15.1 per 1,000. The zymotic death-rate in the thirty-three towns averaged 2.4 per 1,000; in London the rate was 2.5 per 1,000, while it averaged 2.3 in the thirty-two provincial towns, among which the highest zymotic death-rates were 4.8 in Wolverhampton, 5.2 in Birkenhead, 9.3 in Burnley, and 10.0 in Preston. Measles caused a death-rate of 1.0 in Manchester, 2.3 in Birkenhead, 3.9 in Salford, 5.9 in Burnley, and 8.6 in Preston; whooping-cough of 1.0 in Burnley, 1.1 in Oldham, and 1.4 in Norwich; and diarrhoea of 1.7 in Liverpool, and 2.3 in Leicester. The mortality from scarlet fever and from "fever" showed no marked excess in any of the large towns. The 59 deaths from diphtheria in the thirty-three towns included 43 in London, 4 in Burnley, 2 in Portsmouth, and 2 in Liverpool. No fatal case of small-pox was registered during the week either in London or in any of the thirty-two large provincial towns. There were no small-pox patients under treatment last week in any of the Metropolitan Asylums Hospitals. The number of scarlet fever patients in the Metropolitan Asylums Hospitals and in the London Fever Hospital, which had increased from 2,380 to 2,821 at the end of the ten preceding weeks, had further risen to 2,885 on Saturday last, July 10th; 249 new cases were admitted during the week, against 274, 267, and 310 in the three preceding weeks.

## HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday last, July 10th, 987 births and 529 deaths were registered in eight of the principal Scotch towns. The annual rate of mortality in these towns, which had been 19.4 and 18.7 per 1,000 in the two preceding weeks further declined to 17.7 last week, but was 2.6 per 1,000 above the mean rate during the same period in the thirty-three large English towns. The lowest rates in the eight towns were 11.8 in Greenock, and 14.3 in Aberdeen, and the highest rates 22.1 in Leith and 22.6 in Dundee. The zymotic death-rate in these towns averaged 2.8 per 1,000, the highest rates being recorded in Edinburgh and Leith. The 230 deaths registered in Glasgow included 2 from measles, 2 from scarlet fever, 6 from whooping-cough, 5 from "fever," and 19 from diarrhoea. Nine fatal cases of measles, 4 of scarlet fever, and 4 of whooping-cough were recorded in Edinburgh; and 6 of measles in Leith.

## MEDICAL NEWS.

THE fifty-sixth annual meeting of the Medico-Psychological Association of Great Britain and Ireland will be held on Thursday, July 29th, and the following day, at the College of Medicine, Newcastle-on-Tyne, under the presidency of Dr. T. W. McDowall. The Treasurer will present his report. An illuminated address will be presented to Dr. Fletcher Beach, late Honorary General Secretary. Dr. Mercier will move the adoption of amended regulations for the examination for the nursing certificate. Dr. Clouston will move: "That the Secretary of the Educational Committee for the time being be an *ex-officio* member of Council." At 3.30 P.M. the Presidential address will be delivered by Dr. T. W. McDowall. After the President's address papers will be read and discussed, and demonstrations will be given. The annual dinner of the Association will be held at the Grand Hotel, Newcastle-on-Tyne, at 7.30 P.M., on Thursday, July 29th. Those intending to be present should communicate with Dr. T. W. McDowall, County Asylum, Morpeth, Northumberland.

MR. FAGAN, recently appointed Chairman of the Board of Industrial Schools for Ireland, has been the recipient of two addresses from his professional brethren of Belfast and neighbourhood, one from his late colleagues on the staff of the Royal Hospital, and the other from the Ulster Medical Society. The former was presented at a dinner given at the house of one of Mr. Fagan's former surgical colleagues, and the latter at a special meeting of the Ulster Medical Society. Both addresses dwelt in warm terms upon Mr. Fagan's uniformly cordial and friendly relations with his professional brethren, upon his good work as a surgical operator and clinical teacher, his valuable contributions to the *Proceedings* of the Medical Society, and upon the hospitality so often exercised by Mrs. Fagan and himself. Sincere regret was expressed at his removal from Belfast, while hearty congratulations were offered to him upon his appointment to an important and responsible public position.

ROYAL COMMISSION ON TUBERCULOSIS.—Further sittings of this Commission were held at No. 7, Whitehall Place, on July 8th, 9th, and 12th, Sir Herbert Maxwell in the chair. The following witnesses were examined: Mr. Morgan Hopkin of Swansea, Mr. Pearson and Mr. Hides of Sheffield, Mr. Ward of Middleton, near Manchester, and Mr. Berwick of Bradford, all of whom represented various butchers' associations, and gave evidence as to direct personal loss from the condemnation for tuberculosis of the carcasses of animals which had been bought as apparently quite healthy. Other witnesses called were Mr. Davies, medical officer of health of Swansea; Dr. Harvey Littlejohn, medical officer of health of Sheffield; Mr. Hedley, chief inspector of the Irish Privy Council, Veterinary Department; and Mr. Sinclair, Superintendent of Exports for the Victorian Government. This concluded the evidence which the Chairman proposes to call, but before considering the report he intends, with other members of the Commission, to visit a few towns in the United Kingdom to see the method of meat inspection, etc., adopted in them. On Thursday, July 15th, they visited the foreign cattle market at Deptford.

SOCIETY OF FELLOWS OF THE ROYAL COLLEGE OF SURGEONS.—The annual meeting of this Society was held at 146, Harley Street, on June 30th, Mr. Page, the Chairman of the Executive Council, in the chair. In briefly reviewing the work of the Society during the past year, the Chairman stated that it was the intention of the Council to pursue the same policy as heretofore, and to be in readiness to take such action

as might seem advisable when any question of importance arose in connection with the affairs of the College. Happily, there was a much more tranquil state of affairs in Lincoln's Inn than there had been for years, and the Council of the College was believed to enjoy the complete confidence of the Fellows. On the motion of Mr. Wallis, Honorary Secretary, it was decided to invite Mr. Fripp, Assistant-Surgeon to Guy's Hospital, to become a member of the Executive Council.

THE SANITARY INSTITUTE.—The twenty-first anniversary of the Sanitary Institute was celebrated on July 7th by a dinner held at the Holborn Restaurant, under the presidency of the Duke of Cambridge, K.G., President of the Institute. The toast of the "Royal Family" was given by Lord Kelvin, F.R.S., who referred at some length to the great progress in sanitary science accomplished during the Queen's reign, and to the eminent services rendered to the cause by Dr. E. A. Parkes, in whose memory the Hygienic Museum, now under the charge of the Sanitary Institute, was founded. The toast of the "Naval and Military Forces" was given by Sir Francis Sharp Powell, Bart., M.P., and the Duke of Cambridge in the course of an interesting speech referred to the opposition which measures for the promotion of the welfare and the preservation of the health of the people encountered from faddists, instancing especially the opposition to vaccination and the outcry against the regulations which the Government of India had found it necessary to enforce to prevent the spread of venereal disease. The toast of the "Houses of Parliament" was given by Dr. W. J. Collins, the Chairman of the London County Council, and acknowledged by the Earl of Stamford and Dr. Farquharson, who claimed that as the member in charge of private Bills, he committed more legislation than the whole of the rest of the House of Commons. The toast of "Success to the Sanitary Institute" was given by Sir H. C. Burdett, and acknowledged by Sir Douglas Galton, Chairman of Council.

THE annual meeting of the Durham University Medical Graduates Association was held at the rooms of the Medical Society of London on July 7th, when the following officers were elected for the year 1897-98: President, Dr. T. Outterson Wood, in the place of Professor Arnison. Vice-Presidents: S. Fielden, M.D., and T. H. Openshaw, M.S. Council: Drs. C. C. Cripps, C. J. Cullingworth, J. W. Hemborough, F. S. Palmer, H. B. W. Paige, H. T. Heiring, G. H. Philipson, G. W. Ridley, W. J. Sheppard, T. C. Squance, and R. Steele. Honorary Treasurer; Dr. W. C. Beatley. Honorary Secretaries: Drs. W. D. Arnison and R. H. Milson. The members afterwards dined together at the Café Royal, Dr. T. Outterson Wood, President, in the chair. After the usual patriotic toasts had been proposed by the President, Mr. H. T. Butlin proposed the University of Durham and Professor Philipson responded. The President in proposing "Success to the Durham University Medical Graduates Association," gave an interesting account of the history of the medical college, from its foundation in 1832 to the present time, and congratulated the Association upon its great success, numbering as it does nearly 300 members. The Honorary Secretaries replied, Sir James Crichton Browne, who was a former lecturer, and who was elected an Honorary Member of the Association proposed the health of the President, and Dr. Cullingworth proposed "The Visitors," which was responded to by Professor Ernest White. Among those also present were the President of the Royal College of Surgeons, Sir William MacCormac, Bart.; the Treasurer of the Royal College of Physicians, Sir Dyce Duckworth; the President of the Royal Medical and Chirurgical Society, Dr. Howship Dickinson; the President of the Medical Society, Mr. Reginald Harrison; the President of the Durham University Medical College, Professor Philipson; the President of the Harveian Society, Dr. R. H. Milson; the Coroner for Middlesex, Dr. Danford Thomas, and members and guests to the number of fifty-seven.

ANNUAL REPORT OF THE ST. JOHN AMBULANCE ASSOCIATION.—The Central Executive Committee reports that the session 1895-96 has been one of continued progressive development. The work of the association amongst railway men has always been of the greatest importance and value, and with a view to improving the organisation and lessening the cost of



classes facilities are now offered for the formation of Railway Centres. Such centres have already been formed in connection with the North Eastern, Great Western, and Great Eastern companies. The trained officers and men on the Great Eastern Railway rendered aid in upwards of 900 cases during the year 1895-96. Classes formed and supported by County Councils under the Technical Education Acts, and the Evening Continuation Schools' Code have been increasingly numerous and successful. In order to facilitate the obtaining of the Government grants, a new subject, "hygiene," has been added to the syllabus of the St. John Ambulance Association. Undoubtedly the high standard attached to the certificates and medallions of the Association depends to a great extent upon the fact that it is known that both instruction and examination are conducted by qualified medical men, and if holders of honours certificates from Her Majesty's Science and Art Department, graduates of science of any recognised university, and persons of either sex possessing the St. John's "teacher's certificate" are, as it is proposed, to become the teachers and examiners in this most important subject, then there is a fear lest the value of such training may become discredited. A further extension of work is foreshadowed in the recommendation of the Central Executive to the Council and Chapter that it may be permitted to hold examinations on "cottage nursing" of members of the staff of the Affiliated Benefit Nursing Association. Very wisely it has been suggested that the certificate shall, when issued, have specifically detailed on its back a list of the subjects in which the candidate has been examined and passed, thus preventing confusion with the duly trained sick nurse. The total number of medallions issued to date to persons who have followed the three years course and successfully passed the examination is 43,800.

#### MEDICAL VACANCIES.

The following vacancies are announced:

- ABERDEEN ROYAL INFIRMARY.**—Medical Superintendent. Salary, £350 per annum, without residence. Applications to William Carnie and Charles M. Brown, Joint Treasurers, by July 24th.
- BRADFORD UNION WORKHOUSE.**—Resident Assistant Medical Officer; unmarried, and doubly qualified. Salary, £100 per annum, with prescribed rations, washing, and apartments in the Workhouse. Applications to Thomas Crowther, Clerk to the Guardians, Poor Law Offices, 22, Manor Row, Bradford, Yorks, before July 31st.
- CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST.** Victoria Park, E.—Assistant Physician. Must be F. or M.R.C.P.Lond. Applications to the Secretary by July 24th.
- GARTLOCH ASYLUM AND HOSPITAL FOR MENTAL DISEASES.** Glasgow.—Assistant Medical Officer (Senior). Previous hospital and asylum experience most desirable. Salary, £150 per annum, with all found. Applications, marked "Assistant Physician," to Mr. Dempster, 718, Parliamentary Road, Glasgow, by July 19th.
- EPSOM (RURAL) SUTTON, CARSHALTON, AND LEATHERHEAD JOINT HOSPITAL BOARD.**—Medical Officer of the Isolation Hospital at Cuddington, Surrey.—Salary, £200 per annum. Applications, marked outside "Medical Officer," on forms provided, to be sent to W. O. Reader, Clerk, "Lonsdale," Epsom, by July 27th.
- GREAT NORTHERN CENTRAL HOSPITAL, Holloway Road, N.**—Senior House-Surgeon and Junior House-Surgeon. Appointments for six months. Salary of the Senior House-Surgeon at the rate of £60 per annum, board, lodging, and washing provided with each appointment. Applications to Lewis H. Glenton Kerr, Secretary, by July 19th.
- GRIMSBY AND DISTRICT HOSPITAL.**—Resident House-Surgeon. Salary, £80 per annum, with board, lodging, and washing. Applications to John Wintringham, Secretary, by July 24th.
- HARTSMERE UNION, Suffolk.**—Medical Officer and Public Vaccinator for the Gillingham District. Salary at the rate of £60 per annum, exclusive of vaccination fees and such other extra fees as are allowed by the Local Government Board. Applications to John Bond, Clerk, Guardian's Offices, Eye, Suffolk, by July 23rd.
- HEREFORD GENERAL INFIRMARY.**—Resident House Surgeon; doubly qualified, and unmarried. Salary, £100 per annum, with furnished rooms, board, washing, gas, coals, and attendance. Applications to C. B. Beddoe, Secretary, 37, Bridge Street, Hereford, by July 24th.
- HOSPITAL FOR SICK CHILDREN, Great Ormond Street, Bloomsbury, W.C.**—House-Surgeon. Appointment for six months. Salary £20, with board and residence in the Hospital. Must be unmarried. Applications on form provided to be sent to the Secretary by July 24th.
- JARROW-ON-TYNE MEMORIAL HOSPITAL.**—House-Surgeon, doubly qualified. Salary, £80, rising £10 annually to £100. Board and residence provided in the Hospital. Applications to James Campbell, Secretary, Ivy Bank, Jarrow-on-Tyne, by July 21st.
- KENSINGTON, GUARDIANS OF.**—Second Assistant Medical Officer for the Workhouse and infirmary. Salary, £80 per annum, with apartments, board, and washing. Between 21 and 30 years of age, doubly qualified, and must devote whole time to the duties. Applications on forms to be obtained on application to the Clerk to the Guardians,

Marloes Road, Kensington, to whom they must be delivered, filled in, not later than 10 A.M. on July 31st.

- LIVERPOOL, MILL ROAD INFIRMARY.**—Medical Superintendent. Must be under 40 years of age; must be accustomed to the management of insane cases. Preference given to a F.R.C.S.Eng. or a Graduate in Medicine and Surgery of a British University. Salary, £500, with unfurnished house, coals, gas, rates and taxes (inclusive of all fees). Applications to Harris P. Cleaver, Clerk to the Guardians, West Derby Union, Brougham Terrace, Liverpool, by July 27th.
- LONDON LOCK HOSPITAL, 91, Dean Street, Soho, W.**—Registrar, doubly qualified. Applications to the Secretary, Harrow Road, W., by July 24th.
- LONDON TEMPERANCE HOSPITAL, Hampstead Road, N.W.**—Assistant Resident Medical Officer, doubly qualified. Appointment for six months. Residence, board, and washing provided, and an honorarium given at the termination of the appointment. Applications to A. W. Bodger, Secretary, by July 21st.
- MACCLESFIELD GENERAL INFIRMARY.**—Senior House-Surgeon and Junior House-Surgeon, doubly qualified. Salary of the former, £100 for the first year, with board and residence, and of the latter £70 per annum, with board and residence at the institution. Applications to the Chairman of the House Committee by July 19th.
- METROPOLITAN ASYLUMS BOARD.**—Assistant Medical Officer at the South-Western Fever Hospital, Stockwell, S.W. Salary, £160 during the first year, £180 during the second year, and £200 during the third and subsequent years, with board, lodging, and washing. Candidates must be unmarried, doubly qualified, and must not exceed 35 years of age. Applications on forms, to be had at the chief office of the Board, Norfolk House, Norfolk Street, Strand, W.C., where they must be delivered by July 26th.
- METROPOLITAN HOSPITAL, Kingsland Road, N.E.**—Surgeon and Assistant House-Surgeon. Must be F.R.C.S.Eng. Applications to C. H. Byers, Secretary, by July 19th.
- MILLER HOSPITAL AND ROYAL KENT DISPENSARY, Greenwich Road, S.E.**—Junior Resident Medical Officer. Salary, £30 per annum, with board, attendance, and washing. Appointment for six months, with prospect of re-election as Senior. Applications to the Secretary, by July 20th.
- NATIONAL DENTAL HOSPITAL, Great Portland Street, W.**—Anaesthetist. Applications to G. Almack, Secretary, by July 21st.
- NORTH WALES ASYLUM, Denbigh.**—Second Assistant Medical Officer. Salary, £100, with board, washing, and apartments. A knowledge of Welsh essential. Applications to W. Barker, Clerk to the Visitors, by July 19th.
- NOTTINGHAM GENERAL HOSPITAL.**—Assistant House-Physician. Appointment for six months. Board, lodging, and washing in the hospital. An honorarium of 10 guineas will be given on completion of six months' service. Applications to the General Secretary, General Hospital, Nottingham, by July 30th.
- RIPON DISPENSARY AND COTTAGE HOSPITAL, Ripon.**—Resident House-Surgeon and Dispenser; unmarried. Salary, £70 per annum, with board and lodging. Applications to F. D. Wise, Hon. Secretary.
- ROTHERHAM HOSPITAL AND DISPENSARY.**—Assistant House-Surgeon. Salary, £30 per annum, with board, lodging, and washing. Applications to the House-Surgeon.
- ST. PANCRAS AND NORTHERN DISPENSARY, 126, Euston Road.**—Resident Medical Officer, doubly qualified. Salary, £105 per annum, with residence and attendance. Applications to H. P. Bodkin, Honorary Secretary, 23, Gordon Street, Gordon Square, W.C., by July 19th.
- SALFORD UNION.**—Assistant Resident Medical Officer at the Union Infirmary, Hope, near Eccles; doubly qualified. Appointment for twelve months. Salary, £130 per annum, with furnished apartments and attendance. Applications, endorsed "Assistant Medical Officer," to F. Townson, Clerk to the Guardians, Union Offices, Eccles New Road, Salford, by July 22nd.
- STAFFORDSHIRE GENERAL INFIRMARY, Stafford.**—House-Surgeon, doubly qualified. Appointment for two years, subject to re-election. Salary, £100 per annum, with board, lodging, and washing. Applications to Richard Battle, Secretary *pro tem.*, 7, Meyrick Road, Stafford, by July 31st.
- WESTMINSTER HOSPITAL, Broad Sanctuary, S.W.**—Fourth Assistant Surgeon; must be F.R.C.S.Eng. Candidates must attend, with testimonials, the meeting of the House Committee on July 27th, at 1 P.M.

#### MEDICAL APPOINTMENTS.

- BAILEY, J. Ridley, M.D. Edin.,** appointed Certifying Factory Surgeon for the Bilston District, *vice* Mr. James Wells, Wolverhampton, resigned.
- BOWHAY, Albert, L.R.C.P.Lond., M.R.C.S.Eng., D.P.H.Camb.,** reappointed Medical Officer of Health to the Calstock District Council.
- BURNETT, John R., M.D., C.M. Edin., M.R.C.S.Eng., L.R.C.P.Lond.,** appointed Medical Officer for the Urban District of Keswick, *vice* Dr. C. Gore Ring, deceased.
- CLARK, J. S. F., L.R.C.P. Edin., M.R.C.S.Eng.,** appointed Medical Officer and Public Vaccinator for the Moretonhampstead District of the Newton Abbot Union, *vice* F. G. Engelbach, L.R.C.P.Lond., M.R.C.S.Eng., resigned.
- CLAYTON, Thomas M., M.B., B.S. Durh.,** reappointed Medical Officer of Health to the Felling District Council.
- CRANSTOWN, Chas. V., M.B. Durh., M.R.C.S.Eng.,** appointed Medical Officer of Health for the Borough of Ludlow.
- DALY, C. F., M.D. Ire., L.R.C.S. Edin.,** appointed Medical Officer for the Silverdale District of the Wolstanton and Burslem Union.
- DAVEY, Dr.,** reappointed Medical Officer for the Ringwood District of the Dover Union.
- DICKSON, John D., M.D. R.U.I., M.Ch.,** appointed Medical Officer of Health to the Marlow Urban District Council.

DIXON, Dr., appointed Medical Officer for the Second (Shepherdswell) District of the Dover Union.

DOUGLAS, A. R., L.R.C.P., D.R.C.S. Edin., appointed Deputy Medical Officer to Portland Prison.

EDWARDS, A. A., M.D., C.M. Edin., appointed Medical Officer for the No. 1 Rawtenhall District of the Haslingden Union.

EDWARDS, L. C., M.B., C.M. Edin., appointed Casualty Surgeon to the Bristol General Hospital.

FISHER, H. H., M.D. Lond., appointed Medical Officer for the No. 2 (Sittingbourne) District of the Milton Union, and Medical Officer at the Infectious Hospital at Keycolhill.

FRENCH, Mr. D. M., appointed Medical Officer for the Debenham District of the Bosmere and Claydon Union.

GOWAN, Campbell, L.R.C.P. Lond., M.R.C.S. Eng., reappointed Medical Officer of Health to the Hendon Rural District.

HOWES, H. A., L.R.C.P., L.R.C.S. Edin., reappointed Medical Officer for the Hemingby District of the Horncastle Union.

IVES, W. R. Y., L.R.C.P. Lond., L.S.A., appointed Medical Officer for the No. 2 District of the South Stoneham Union.

JELLY, G. Aubrey, M.R.C.S., L.R.C.P., appointed House-Surgeon and Registrar at the Royal Eye Hospital, Southwark.

LONG, A., M.R.C.S. Eng., reappointed Medical Officer for the River District of the Dover Union.

LOW, Chas. W., M.B. Dub., M.R.C.S. Eng., appointed Medical Officer of Health to the Stowmarket Urban District Council.

MARMION, E. J., B.A., M.B. Dub., L.F.P.S. Glasg., appointed Medical Officer to the Workhouse of the Milton Union, *vice* C. H. Fisher, M.D. Glasg.

MORGAN, J. A., M.R.C.S. Eng., L.R.C.P. Lond., appointed Medical Officer for the Llandulas and Llanwrtyd District of the Builth Union.

PARTRIDGE, Sydney, M.D. Edin., L.R.C.P., appointed Medical Officer of Health to the Darlington Urban District Council, *vice* Samuel Partridge, M.R.C.S. Eng., resigned.

SHACKEL, G. A., L.R.C.P. Lond., M.R.C.S. Eng., appointed Medical Officer of Health to the; Ludlow Rural District Council, *vice* W. Thursfield, M.D., resigned.

SMITH, T. F. Hugh, M.R.C.S. Eng., L.S.A., appointed Medical Officer to St. Bartholomew's Hospital Convalescent Home.

SQUIRE, M. F., M.B. Durh., M.R.C.S. Eng., L.R.C.P. Lond., appointed Assistant Medical Officer to the Infirmary and Workhouse of the Paddington Parish.

WATSON, Wm. D., L.R.C.P. Lond., M.R.C.S. Eng., appointed Medical Officer of Health to the Leigh-on-Sea Urban District Council, and Medical Officer for the Leigh District of the Rochford Union.

WHITAKER, E. T., M.B., C.M. Edin., appointed Medical Officer of Health to the Wellington (Salop) Urban District Council.

WILKINS, Walter, M.R.C.S., L.R.C.P. (late House-Surgeon and House-Physician, Charing Cross Hospital), appointed House-Surgeon to St. Peter's Hospital for Stone, etc.

WILLIAMS, J. H., M.D. Edin., reappointed Medical Officer of Health to the Flint Town Council.

WORSLEY, R. Carmichael, M.R.C.S. Eng., L.R.C.P. Lond., appointed Honorary Surgeon to the Ramsgate and St. Lawrence Royal Dispensary, *vice* Dr. T. J. Styant, resigned.

## DIARY FOR NEXT WEEK.

## WEDNESDAY.

THE CLINICAL MUSEUM, 211, Great Portland Street, 4 P.M.—Demonstration by Mr. Jonathan Hutchinson.

## BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s 6d., which sum should be forwarded in post-office order and stamps with the notice not later than Wednesday morning in order to insure insertion in the current issue.

## BIRTHS.

RAMSEY.—On the 20th June, at Jesmond Dene, Bournemouth, the wife of F. Winsor Ramsay, M.S., F.R.C.S.E., of a son.

MCNAUGHTAN.—At South View, H.M. General Prison, Perth, on 7th inst., the wife of John McNaughtan, M.D., of a daughter.

SYMES.—On July 13th, at 59, Brondesbury Villas, N.W., the wife of W. Legge Symes, of a son.

## MARRIAGES.

ATKINSON—MORETON.—On the 7th inst., at the parish church, Tarvin, near Chester, by the Rev. E. S. Richardson, B.A., Vicar of St. Matthew's, Bolton, brother-in-law of the bride, assisted by the Rev. A. Heygate, M.A., Vicar of Ashton Hayes, and the Rev. T. J. Evans, M.A., Vicar of Tarvin, Bernard Nathan Atkinson, M.A., Curate of Tarvin, to Janet Steel (Nettie), second daughter of J. E. Moreton, F.R.C.S., Jarviscroft, Kelsall.

GILL—DINGLE.—On July 6th, at the parish church, Linkinhorne, Cornwall, by the Rev. Lyde Hunt, cousin of the bridegroom, assisted by the Rev. A. L. Brown, M.A., Vicar of Looe, and the Rev. C. R. Bennett, M.A., Curate in-charge, Joseph William Gill, L.R.C.P., D.P.H. Lond., M.R.C.S. Eng., to Susan, fourth daughter of John W. Dingle, Esq., J.P., C.A., of Darley.

## DEATH.

COLLINS.—On 13th inst., at Sydenham, the residence of his son, Dr. Thomas Collins, formerly of 28, Harcourt Street, Dublin, in his 89th year.

## HOURS OF ATTENDANCE AND OPERATION DAYS AT THE LONDON HOSPITALS.

CANCER, Brompton (Free). *Attendances*.—Daily, 2. *Operations*.—Tu. F. S., 2.

CENTRAL LONDON OPHTHALMIC. *Attendances*.—Daily, 1. *Operations*.—Daily.

CENTRAL LONDON THROAT, NOSE, AND EAR. *Attendances*.—M. W. Th. S., 2; Tu. F., 5. *Operations*.—Daily.

CHARING CROSS. *Attendances*.—Medical and Surgical, daily, 1.30; Obstetric, Tu. F., 1.30; Skin, M. Th., 1.45; Dental, M. W. F., 9; Throat and Ear, F., 9.30. *Operations*.—W. Th. F., 3.

CHELSEA HOSPITAL FOR WOMEN. *Attendances*.—Daily, 1.30. *Operations*.—M. Th. F., 2.

CITY ORTHOPÆDIC. *Attendances*.—M. Tu. Th. F., 2. *Operations*.—M., 4.

EAST LONDON HOSPITAL FOR CHILDREN. *Operations*.—F., 2.

GREAT NORTHERN CENTRAL. *Attendances*.—Medical and Surgical, M. Tu. W. Th. F., 2.30; Obstetric, W., 2.30; Eye, M. Th., 2.30; Throat and Ear, Tu. F., 2.30; Skin, W., 2.30; Dental, W., 2. *Operations*.—M. W. Th. F.

GUY'S. *Attendances*.—Medical and Surgical, daily, 1.30; Obstetric, M. Tu. F., 1.30; Eye, M. Tu. Th. F., 1.30; Ear, Tu. F., 1; Skin, Tu. F., 1; Dental, daily, 9; Throat, F., 1. *Operations*.—(Ophthalmic) M. Th., 1.30; Tu. F., 1.30.

HOSPITAL FOR WOMEN, Soho. *Attendances*.—Daily, 10. *Operations*.—M. Th., 2.

KING'S COLLEGE. *Attendances*.—Medical, daily, 2; Surgical, daily, 1.30; Obstetric, daily, 1.30; o.p., Tu. W. F. S., 1.30; Eye, M. Th., 1.30; Ophthalmic Department, W., 2; Ear, Th., 2; Skin, F., 1.30; Throat, F., 1.30; Dental, Tu. Th., 9.30. *Operations*.—M. F. S., 12.

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

LONDON TEMPERANCE. *Attendances*.—Medical, M. Tu. F., 2; Surgical, M. Th., 2. *Operations*.—M. Th., 4.30.

METROPOLITAN. *Attendances*.—Medical and Surgical, daily, 9; Obstetric, W., 2. *Operations*.—F., 9.

MIDDLESEX. *Attendances*.—Medical and Surgical, daily, 1.30; Obstetric, M. Th., 1.30; o.p., M. F., 9; W., 1.30; Eye, Tu. F., 9; Ear and Throat, Tu., 9; Skin, Tu., 4; Th., 9.30; Dental, M. W. F., 9.30. *Operations*.—W., 1.30; S., 2; (Obstetric), Th., 2.

NATIONAL ORTHOPÆDIC. *Attendances*.—M. Tu. Th. F., 2. *Operations*.—W., 10.

NEW HOSPITAL FOR WOMEN. *Attendances*.—Daily, 2; Ophthalmic, W. S., 9.30. *Operations*.—Tu. F., 9.

NORTH-WEST LONDON. *Attendances*.—Medical and Surgical, daily, 2; Obstetric, W., 2; Eye, W., 9; Skin, F., 2; Dental, F., 9. *Operations*.—Th., 2.30.

ROYAL EYE, Southwark. *Attendances*.—Daily, 2. *Operations*.—Daily.

ROYAL FREE. *Attendances*.—Medical and Surgical, daily, 2; Diseases of Women, Tu. S., 9; Eye, M. F., 9; Skin, Th., 9; Throat, Nose, and Ear, S., 3; Dental, Th., 9. *Operations*.—W., 9.45. (Ophthalmic) M. F., 10.30; (Diseases of Women), S., 9.

ROYAL LONDON OPHTHALMIC. *Attendances*.—Daily, 9. *Operations*.—Daily, 10.

ROYAL ORTHOPÆDIC. *Attendances*.—Daily, 1. *Operations*.—M., 2.

ROYAL WESTMINSTER OPHTHALMIC. *Attendances*.—Daily, 1. *Operations*.—Daily.

ST. BARTHOLOMEW'S. *Attendances*.—Medical and Surgical, daily, 1.30; Obstetric, Tu. Th. S., 2; o.p., W. S., 9; Eye, W. Th. S., 2.30; Ear, Tu. F., 3; Skin, F., 1.30; Larynx, F., 2.30; Orthopædic, M., 2.30; Dental, Tu. F., 9. *Operations*.—M. Tu. W. S., 1.30; (Ophthalmic), Tu. Th., 2.

ST. GEORGE'S. *Attendances*.—Medical and Surgical, daily, 12; Obstetric, M. Th., 2; o.p., Eye, W. S., 2; Ear, Tu., 2; Skin, W., 2; Throat, F., 2; Orthopædic, W., 2; Dental, Tu. S., 9. *Operations*.—M. Tu. Th. F., 1.

ST. MARK'S. *Attendances*.—Fistula and Diseases of the Rectum, males, S., 3; females; Tu., 9.45. *Operations*.—M., 2; Tu., 2.30.

ST. MARY'S. *Attendances*.—Medical and Surgical, daily, 1.45; o.p., 1.30; Obstetric, Tu. F., 1.45; o.p., M. Th., 1.30; Eye, Tu. F., 9; Ear, M. Th., 3; Orthopædic, W., 10; Throat, Tu. F., 3.30; Skin, M. Th., 9.30; Electro-therapeutics, M. Th., 2.30; Dental, W. S., 9.30; Children's Medical, Tu. F., 9.15; Children's Surgical, S., 9.15. *Operations*.—M., 2.30; Tu. W. F., 2; Th., 2.40; S., 10; (Ophthalmic), F., 10.

ST. PETER'S. *Attendances*.—M., 2 and 5; Tu., 2; W., 5; Th., 2; F. (Women and Children), 2; S., 4.5. *Operations*.—W. F., 2.

ST. THOMAS'S. *Attendances*.—Medical and Surgical, M. Tu. Th. F., 2; o.p., daily, 1.30; Obstetric, Tu. F., 2; o.p., W. S., 1.30; Eye, Tu. F., 2; o.p., daily, exc. S., 1.30; Ear, M., 1.30; Skin, F., 1.30; Throat, Tu. F., 1.30; Children, S., 1.30; Electro-therapeutics, o.p., Th., 2; Mental Diseases, o.p., Th., 10; Dental, Tu. F., 10. *Operations*.—M. W. Th. S., 2; Tu. Th., 3.30; (Ophthalmic), Th., 2; (Gynaecological), Th., 2.

SAMARITAN FREE FOR WOMEN AND CHILDREN. *Attendances*.—Daily, 1.30. *Operations*.—W., 2.30.

THROAT, Golden Square. *Attendances*.—Daily, 1.30; Tu. F., 6.30. *Operations*.—Th., 2.

UNIVERSITY COLLEGE. *Attendances*.—Medical and Surgical, daily, 1.30; Obstetrics, M. W. F., 1.30; Eye, M. Th., 2; Ear, M. Th., 2; Skin, W., 1.45; S., 9.15; Throat, M. Th., 9; Dental, W., 9.30. *Operations*.—Tu. W. Th., 2.

WEST LONDON. *Attendances*.—Medical and Surgical, daily, 2; Dental, Tu. F., 9.30; Eye, Tu. Th. S., 2; Ear, Tu., 10; Orthopædic, W., 2; Diseases of Women, W. S., 2; Electric, Tu., 10; F., 4; Skin, F., 2; Throat and Nose, S., 10. *Operations*.—Tu. F., 2.30.

WESTMINSTER. *Attendances*.—Medical and Surgical, daily, 1; Obstetric, Tu. F., 1; Eye, Tu. F., 9.30; Ear, M. Th., 9.30; Skin, W., 1; Dental, W. S., 9.15. *Operations*.—M. Tu. W., 2.

## LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

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

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

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.

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.

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.