

MEMORANDA:

MEDICAL, SURGICAL, OBSTETRICAL, THERAPEUTICAL, PATHOLOGICAL, ETC.

THE AFTER-TREATMENT OF DISLOCATION OF THE SHOULDER.

WITHIN a short period I was called upon to treat three sub-coracoid dislocations of the humerus. After reduction I bandaged lightly to give the joint one night's rest and the next day used passive movements, hand on opposite shoulder, arm over head and behind back, etc. Passive movements were continued for ten days, after which time gentle exercise for the arm was encouraged. The clothes were allowed to be put on the third day after reduction, only taking care that the injured arm was the first in putting on and the last in taking off the coat and great coat, with assistance from another person. A handkerchief sling was used for a week, and then the arm allowed to hang loose. The patients all went to work at the end of six weeks with a caution to be careful for a week or two in lifting weights, etc. At the present time, eight months after dislocation, they are all in strong work, with perfect shoulders and no trace of want of power or limited action. It seems to me that the long periods of inactivity recommended in many textbooks lead to a flabbiness and degeneration in muscles and ligaments, which are likely to give rise to relaxation on resuming work. Massage also will not have so great an effect as voluntary effort in keeping the tissues in condition.

London. JOHN A. FRANCIS, M.R.C.S.

THE INFLUENCE OF NASAL OBSTRUCTION UPON THE DEVELOPMENT OF TEETH AND PALATE.

WHILE admitting that nasal obstruction may possibly have an indirect causal relationship to that deformity, the high or Gothic-arched palate, which your correspondent¹ suggests should be called "mouth-breather's jaw," the assertion that it is the cause must be accepted with reservation.

This morbid exaggeration is so frequently associated with another deformity—horizontal crumpling of the nasal septum—as to constitute more than a mere coincidence. It is a condition which occurs in rickety subjects, and careful observations of cases at all ages has led me to attribute its primary origin to a premature ossification of the interpalatal, intermaxillary, and vomerine sutures, whereby the ethmo-vomerine element—the septum—becomes crowded and crumpled in the absence of sufficient vertical room for its development.

There are also often diminutive maxillary antra and some lateral deviation of the septum, the latter condition obviously causing nasal obstruction, but this obstruction is the sequel and not the cause of the palatal deformity.

Devonshire Street, W.

WYATT WINGRAVE, M.D.

PERIPHERAL NEURITIS OF TUBERCULOUS ORIGIN. CASES of peripheral neuritis due to tubercle, are, I believe, not very common. The following case may therefore be of some interest. I was sent for two months ago to see a gentleman who had just landed in Madeira after a three weeks' voyage from London, via the Morocco Coast and the Canary Islands. He informed me that he was suffering from almost complete loss of power in both legs, which he first noticed on the second or third day of his journey when getting up in the morning. I found extensive tuberculous disease of both lungs. He informed me that he had suffered from "consumption" some seven or eight years before, the first symptom being an attack of haemoptysis, that he had been sent to Bournemouth in consequence, that he considered his chest practically cured, and that all that troubled him now was the condition of his legs. I found every symptom of peripheral neuritis; he was just able to stand on his feet, but was quite unable to place one leg before the other; he complained of pain, especially in the calves, and numbness and tingling in the extremities; sensation was considerably altered, there being two large patches of anaesthesia on the antero-external surface of the middle third of the

fibula on both sides and just above this, also on both sides patches of delayed sensation; there was considerable wasting of both limbs, especially the anterior tibial muscles, and both feet were markedly oedematous: the changes in the upper limbs seemed confined to a little numbness and tingling of both hands, with a very weak grasp. I had no opportunity of testing the electrical reactions of the affected muscles. There was no sign of neuritis elsewhere.

I ordered complete rest and prescribed tonic medicines, as well as massage and electricity to the affected limbs. He rapidly went down hill, developed profuse diarrhoea, probably due to tuberculous ulceration of the intestinal tract, and died of exhaustion a fortnight after his arrival.

I can see no cause to which to ascribe the neuritis, except tubercle, he had no spinal symptoms, and alcohol was out of the question as a factor in the case, as, indeed, were all the other causes to which neuritis is commonly due.

J. GEDDES SCOTT, M.R.C.S., L.R.C.P.Lond.

Funchal, Madeira.

LAPAROTOMY TWICE ON THE SAME PATIENT WITHIN 18 MONTHS FOR DIFFERENT VARIETIES OF VOLVULUS.

As showing the tolerance of certain natives of India for severe operations, and their recuperative power in some cases, it may be worth recording that I operated on November 18th, 1900, on a woman, native of India, perhaps 53, and deaf and dumb, for an ordinary volvulus of the sigmoid of three or four days' duration, and with enormous distension of the large gut, by incision below the umbilicus, and untwisting of the gut. This was followed by an uneventful recovery. The same patient returned on March 19th, 1902, with a twist of the mesentery from right to left through 180°, high up, and again with enormous distension of the small gut in the epigastrium, above the band formed by the twisted mesentery; and that this time the incision was made above the umbilicus, and the pedicle of the bunch of grape-like mass of small intestine with mesentery untwisted; and that again, after seventy-two hours' obstruction, she made an uneventful recovery.

C. L. WILLIAMS, M.D. Edin.,
Major I.M.S.

Ootacamund, S. India.

The Annual Museum

OF

FOODS, DRUGS, INSTRUMENTS, BOOKS, AND SANITARY APPLIANCES.

(Concluding Notice.)

MEDICAL AND SURGICAL APPLIANCES.

MESSRS. MAYER AND MELTZER (71, Great Portland Street, London) exhibited a selection of hospital furniture which they make at their own factory. The latest addition is an operating table designed by Dr. Spencer for his theatre in the University College Hospital. It is specially intended for abdominal and gynaecological operations; by means of screws the patient can rapidly be placed in the Trendelenburg position. It is handsomely finished in steel enamelled white, with gun-metal bearings for all the working parts. The collection of anaesthetic apparatus included several novelties, amongst them an improved form of drop bottle, designed by Dr. Frederic Hewitt, which is absolutely tight and allows no leakage, and the flow of chloroform can be regulated from a drop to a stream. There was also a wide-bore ether inhaler which possesses advantages of lightness and simplicity, and a chloroform gag, both devised by Dr. Probyn Williams; a local analgesia syringe, as used by Mr. Barker, and forceps for rhythmical traction of the tongue in artificial respiration. The General Surgical Section included the surgical electric motor designed by Mr. Ballance, Lynn Thomas's tourniquet forceps and tendon cutting instrument, Mr. H. S. Collier's splints for talipes, Mr. G. L. Cheattle's gall stone extractors, which are designed for assisting the removal of gall stones. They consist of three hooks varying in size, and a scoop. The hooks are pushed along the bile duct past the stone,

MEDICO-LEGAL AND MEDICO-ETHICAL.

A CHARGE OF PROFESSIONAL NEGLIGENCE.

AN action illustrative of the risks medical practitioners run in daily practice was tried before Mr. Justice Walton at the Birmingham Assizes on August 2nd, with a special jury.

The plaintiff, Mr. Furstensau, claimed damages from Dr. Tomlinson, of Handsworth, near Birmingham, to the extent of £150, alleging negligence and ignorance in the treatment he had received whilst under the care of the defendant.

The plaintiff's counsel were Mr. Buszard, K.C., with Mr. Parfitt. The defendant was represented by Mr. Hugo Young, K.C., with Mr. Wills, instructed by Messrs. Hempsen, for the Medical Defence Union.

The plaintiff's case was that he had been suffering from a skin affection which the defendant diagnosed as eczema, and that, in spite of the remedies supplied and prescribed, he got worse, and finally sought other advice. The doctor he then consulted diagnosed scabies, and it was alleged that the plaintiff's wife was also found at that time to be suffering in a similar manner.

The defence raised (which was supported by Mr. Jordan Lloyd, F.R.C.S., and Drs. Messiter, J. White, and H. J. Leigh) was that the original mischief was eczema, and that if there were any concurrent scabies the latter was so masked by the former that it was impossible for any one to diagnose it at that time.

In summing up the judge put the law very clearly. He observed that a mistake alone on the part of the defendant was not sufficient to enable the plaintiff to recover damages; negligence and the want of an ordinary amount of skill had to be proved before the jury could find adversely to the medical practitioner. It was a serious charge against a medical man, not merely a monetary consideration, but an action affecting the defendant in his professional career. Such cases ought not to be too lightly accepted by a jury; they should only be accepted when a case had been fairly and clearly made out. To find in favour of the plaintiff the jury must arrive at the conclusion that the defendant was really negligent; it was not sufficient to find that he had made a mistake.

After a brief deliberation in private the jury found a verdict for the defendant.

We congratulate Dr. Tomlinson and the Medical Defence Union upon this result, which again establishes the principle that a medical man using reasonable care and skill is not legally responsible for an error, if such there be, of diagnosis. To rule otherwise would make the practice of medicine intolerably onerous; but we have noted lately an inclination on the part of legal authorities to extend somewhat the responsibilities of medical practitioners, and we are glad to find that the ruling of Mr. Justice Walton is upon the lines laid down by well-established cases of undoubted authority.

THE LEGAL STATUS OF MIDWIVES.

THE question of the legal status of midwives was raised at an inquest held in Bangor last week, a report of which appeared in the *Liverpool Mercury* of August 14th. A jurymen during the course of the proceedings asked the coroner if there were any responsibility attached to the midwife, the medical practitioner who gave evidence having imputed blame to her. It appeared that she was untrained and over 70 years of age. The coroner replied that there was no responsibility at all, she having done the best according to her knowledge; he also stated that if the person engaged did her best no jury could do anything against her. There was no obligation on the part of any person to have a certified midwife at all. It was given in evidence that had the nurse been experienced she would have recognized the danger and sent for medical advice sooner than she had done. The jury returned a verdict that the deceased had died from childbirth. It is cases like these that make legislation so necessary, and show so clearly the insufficiency of the present Midwives Act, which contains no provision for dealing with them.

CORONERS' NECROPSIES.

DR. JOHN HIGHER (M.O.H. Workington) writes: I am interested in both Dr. Strachan and Mr. Rainsford's letters touching coroners' necropsies, because it is a matter to which I called attention many years ago in a paper which I wrote on the subject of State obligations in matters of public health. I then pleaded for a special public health department, presided over by a Minister, and amongst other duties which I pointed out belonged to the men attached to this special service was the conducting of all necropsies ordered by the coroner. I quite agree with what Mr. Rainsford says, "that very few general practitioners are fitted by their experience for performing necropsies," and that "it is a fearful thing to think that a man's life may depend on the report of a necropsy made by any qualified man on the *Register* who generally has no pathological experience, yet dare not refuse to make the examination." Yes, it is a "fearful" thing, and did His Majesty's judges and the public generally only realize how much so—which they do not, and perhaps cannot do—there would speedily be an end to the present condition of things. I daresay most of us if we were to give our individual experiences on this point and were inclined to be quite open and candid, could a tale unfold which, to use Mr. Kruger's phrase, would "stagger humanity." Many of the conclusions drawn from these what I should call amateurish necropsies would be comical if they did not so often end in tragedy. The *post hoc* and the *propter hoc* often get beautifully muddled up together, and there is a great deal of truth in the old saying "that fools rush in where angels fear to tread." And yet after all "man is mortal," and one can only do the best one can. The fault lies in the system, or rather the want of system, which allows such things.

ACCIDENT INSURANCE COMPANIES AND DOCTORS' CERTIFICATES.

S. R. asks if an insurance company can lawfully demand a medical certificate at the patient's expense before making weekly payments to workmen suffering from accidents. Should the doctor look to the patient or to the company for the payment for such certificates?

. It is the patient's duty to furnish such certificates, and the doctor has no claim on the insurance company.

THE LIMITATION FOR PAYMENT OF NOTIFICATION FEES.

A CORRESPONDENT writes with reference to a paragraph which appeared under this heading in the *BRITISH MEDICAL JOURNAL* of July 26th, and dealt with the payment of fees by the sanitary authority for the notification of infectious diseases, that it might be inferred from opinion there given that such fees must be claimed from the sanitary authority before being paid.

. No such inference was intended. It is the duty of the sanitary authority to pay the fees without any claim being made, but, in the event of them not having been paid, the practitioner must necessarily claim them. The paragraph had reference to cases in which a sanitary authority had failed in its duty to pay the fees, and sought to limit its liability by a notice that all claims must be received within a certain date.

PATIENTS AND PRACTITIONERS.

A CORRESPONDENT writes that A., when going away for his holiday, was asked by a patient B. to allow C., another practitioner, to attend for A. during his absence. A. consented, and wrote to C. giving him full particulars of the case. B. then desired C. to continue in attendance after A.'s return, but he refused. B., however, declines to have A., and writes to him not to call. What should C. and A. do?

. C. should take over the case with the consent of A. B. has a perfect right to choose his own doctor, and there is no reason why the patient should be lost both by A. and C., as appears almost certain to happen if any other course be adopted.

THE LAW AS TO EXPOSURE AFTER INFECTIOUS DISEASE.

J. K. P. inquires what the law is practically in the matter of allowing scarlatina patients to go out. Is it illegal to let them out of the house till infection is at an end?

. It is illegal for any patient with an infectious disease to expose himself in public till all infection is at an end. A medical practitioner must therefore be careful not to permit any such patient to go out till he is prepared to certify that the case is free from infection. If he has notified the case to the sanitary authority the onus rests on that body to see that the law is not violated, and no patient will be allowed to expose himself till he is certified to be free from infection and his clothes, premises, etc., have been disinfected.

WHAT ARE THE "PROCEEDS" OF A PRACTICE?

CAVEAT EMPITOR asks the meaning of the word "proceeds" of a practice, which are £1,200 per annum, and are thus described in a clause of an agreement for the sale of a practice. What is the legal and customary interpretation of "proceeds?"

. By "proceeds" are meant the gross receipts derived from the practice.

UNIVERSITIES AND COLLEGES.

UNIVERSITY OF EDINBURGH.

THE following is the official list of passes at the recent First, Second, and Third Professional Examinations:

First Professional Examination.—J. H. Aikman, M.A., J. A. Ainscow, A. G. Anderson, M.A., B.Sc., D. W. Anderson, W. H. Armistead, A. Arthur, R. C. E. Atkinson, M.A., Aung-Tun, B.A., C. F. Bainbridge, D. M. Barcroft, H. W. Binks, E. J. Black, F. Blamire, J. D. Bowie, H. F. Briggs, Mary Brown, H. C. Buckley, D. S. Buist, E. Burnet, B.A. (with distinction), A. E. Chisnolm, W. Core, M.A., I. H. Cornelius, S. G. Corner, M.A., R. S. Cotter, R. G. Cunningham, J. A. Currell, J. S. Daniell, A. B. Darling, J. Dass, R. Davidson, A. Davies, A. J. Davin, J. T. Dickson, J. D. C. Duncan, D. D. Dunn, D. Eakin, J. S. Edwards (with distinction), V. L. Evans, H. F. Fenton, J. G. Fleming, R. Fraser, J. W. Frew, M. Gavin, E. C. Girling, J. E. Gordon, W. L. Gordon, W. H. Gowans, G. A. Grierson (with distinction), E. R. Grieverson, B.A. (with distinction), C. M. Hall, W. Henderson, W. M. P. Henderson, M.A., A. S. Holden, J. M. C. Johnston, T. B. Johnston, W. T. A. Jolly (with distinction), J. T. G. Jones, J. O. Jones, J. H. Lamb, A. G. K. Ledger, S. B. Legge, A. Leitch, N. F. Lloyd, R. D. M'Allister, P. J. M'Arde, J. M'Cutcheon, P. M'Dermid, J. Macdonald, W. K. Macdonald, W. O. S. M'Gowan, G. B. Macgregor, J. D. M'Kelvie, M. Mackinnon, J. N. MacLaughlin, R. P. M'Morland, K. M'Murtrie, J. M. MacPhail, K. W. D. Macrae, Paula Maier, J. S. Manson, C. I. Milne, C. J. Milne, J. E. Mondon, H. J. More, M.A., J. Morrison, M. A. D. Naoroji, J. Newall, H. S. Nicolson, J. L. H. Paterson, J. S. Peebles, G. Pollock, O. E. Powell, A. Priestman, C. Pycroft (with distinction), Edith G. Pycroft, W. G. Riley, J. Ritchie, W. A. Robertson, M. J. Da Rocha, A. Ross, Z. M. H. Ross, A. C. Russell, E. Russell, W. O. Sclater, S. C. Sen, J. O. Shirecore, A. Simpson, E. D. Simson, D. M. Smith, H. Smith, R. S. Stuart, H. Stokes, W. J. P. Sutherland, D. R. Taylor, B.A., J. A. Taylor, E. R. Thompson, H. H. Thorburn, J. N. Turnbull, E. W. Vaughan, A. G. Visser, G. F. C. Wallis, Martha B. Webb, H. C. Weber, W. O. Welply, F. P. Wernicke, W. C. Whiteside, C. H. Williams, C. R. Wills, E. D. Wilmot, Emily C. Wybourne, A. W. Young (with distinction).

Second Professional Examination.—M. Ashkenazie, F. Baillie, D. W. Boswell, F. S. Brennan, Mary T. Cameron, T. F. Campbell, D. M. C. Church, M. L. Cohen, A. G. Cook, G. M. Coughtrey, T. E. Coulson, J. G. Craig, R. Donaldson, M.A., G. T. Drummond, C. G. Edmonston, E. J. Elliot, C. L. Eyles, J. J. M. Falconer, G. H. L. Fitzwilliams, W. H. Forsyth, H. S. Gaskell, D. Golding, Eleanor A. Gorrie, C. Rose Greenfield, E. J. Griffiths, J. H. Hume, Annie Jackson, J. Jardine, G. P. Joy, F. Jung, C. A. Lawrence, A. G. Leitch, S. M. Livesey, A.

P. G. Lorimer, D. H. C. MacArthur, W. McConaghy, J. Mackenzie, A. MacRae, M. A. M. Mamourian, J. A. Mathers, G. D. Mathewson, H. P. Milligan, C. E. S. Mitchell, V. Moralejo, J. Morris, A. W. Neill, A. Pampellonne, W. J. Paterson, B. Pickering, A. O. P. Reynolds, J. Robinson, B.Sc., J. Saffley, J. G. B. Shand, J. I. Shepherd, E. H. Smith, A. Stephen, M.A., F. H. Stewart, M.A., G. Stewart, H. J. Stoddart, J. R. Tannahill, R. S. E. Todd, M.A., V. S. Valiathan, Helen R. Vickers, R. H. Watt, J. D. Wells, W. F. J. Whitley, G. H. Winch, T. Wright.

Third Professional Examination.—F. Ali, B.A., J. Allan, G. C. Anderson, F. H. Borthwick, J. C. Boyd, W. F. Brayne, B.A., G. G. Cumming, S. Cunliffe, G. A. Davies, J. R. Dobbin, C. E. Dumanoire, H. J. George, H. W. Gush, T. M. Guthrie, P. Hallam, L. C. V. Hardwicke, J. O. Heyns, R. B. Hole, S. A. Johnston, S. Khan, F. E. Larkins, F. W. Lundie, J. W. Ewan, G. S. MacKay, W. Mackenzie, B.Sc., Helen Morrison, W. C. Morton, M.A., E. Muir, C. F. A. Oberländer, C. O'Flaherty, T. C. E. Parry, L. Ram, W. Sanderson, C. F. T. Scott, H. Speirs, D. W. Standley, Effie Stuart, J. P. du Toit, L. Turiansky, Caroline Twigg, R. M. Walker, J. H. D. Webster, D. H. Wessels, G. Wight, W. Y. Woodburn.

CONJOINT BOARD IN ENGLAND.

The following gentlemen passed the Second Examination of the Board, at the quarterly meeting of the examiners, in the subjects indicated:

Anatomy and Physiology.—J. H. D. Ackland, and E. L. Atkinson, St. Thomas's Hospital; H. L. Askham, Middlesex Hospital; H. H. Baker, B.A. Oxon., Oxford University and St. Mary's Hospital; J. B. Ball, Guy's Hospital; F. G. Burgin, University College, Bristol; R. C. P. Berryman, St. Bartholomew's Hospital; H. Bevis and R. A. Bryden, St. Mary's Hospital; G. Birch, E. J. Blewitt and P. A. Bodkin, London Hospital; W. B. Burr, Middlesex Hospital; L. H. Burner, A. H. Clough, and A. B. Cocker, Guy's Hospital; G. Chaikin, B.A. Lond., University College, Sheffield; P. C. Coombes, Madras and University College, London; R. Crompton, Owens College, Manchester; A. G. Cole, and C. T. Edmunds, St. Mary's Hospital; G. J. Eady, R. V. Favell, and C. H. Fernie, St. Bartholomew's Hospital; W. J. Fletcher, Owens College, Manchester; W. H. Fleetwood, L. G. Gibson and J. Grogono, London Hospital; P. Gow, New Zealand and Middlesex Hospital; G. F. Greening, Guy's Hospital; S. L. Graham and G. J. Harman, L.R.C.P. and S. Edin., University College, London; J. G. Gibbs, F. Gooding, and W. H. Harvey, St. Bartholomew's Hospital; W. Harrison, University College, Sheffield; C. S. van R. Harwood, Westminster Hospital; G. Heathcote, Owens College, Manchester; J. E. Hoar, London Hospital; C. E. Horder, King's College, London; F. D. G. Howell and A. B. Howitt, B.A. Camb., St. Thomas's Hospital; H. L. Howell, Charing Cross Hospital; A. N. Jeans, University College, Liverpool; R. P. Lewis, Guy's Hospital; J. C. R. Lind, University College, London; W. S. Livock and A. H. Macdonald, London Hospital; W. Longley and J. E. Middlemiss, Yorkshire College, Leeds; W. G. Loughborough, R. C. P. McDonagh and G. S. Morse, St. Bartholomew's Hospital; H. V. Mitchell and A. Morris, B.A. Camb., Guy's Hospital; L. N. Morris, University College, Bristol; R. J. Mould, B.A. Camb., St. Thomas's Hospital; R. G. Newton, St. Mary's Hospital; D. C. L. Orton, Owens College, Manchester; W. F. Paterson, New Zealand and Middlesex Hospital; J. S. Pearson, London Hospital; R. E. Pitts, Middlesex Hospital; J. E. Scales, Guy's Hospital; J. H. Sedgwick, Yorkshire College, Leeds; E. H. Shaw, St. Bartholomew's Hospital; H. S. Singleton, St. Thomas's Hospital; F. G. Snoad, Birmingham University; F. M. W. Smith, Westminster Hospital; C. Speers, St. Mary's Hospital; F. T. Turner, King's College, London; J. R. R. Trist, J. S. Williamson, and A. C. Wroughton, St. Bartholomew's Hospital; H. W. Ward, Birmingham University; A. G. Whitaker, Charing Cross Hospital; E. White, Guy's Hospital; A. C. C. Wright, St. Mary's Hospital; and J. M. Wyatt, St. Thomas's Hospital.

Anatomy Only.—Mr. N. H. Oliver, Guy's Hospital.

Physiology Only.—Mr. A. F. Palmer, Cambridge Hospital and Middlesex Hospital.

CONJOINT BOARD IN SCOTLAND.

The quarterly examinations of the above Board, held in Edinburgh, were concluded on July 26th, with the following results:

First Examination (Five Years' Course).—H. Moody, A. C. Mackay, Eleanor Margaret Thompson, M. R. Waddell, T. McL. Galloway, W. Barclay, T. W. Faulkner (with distinction), D. J. M. Legge.

Four passed in Physics, six in Elementary Biology, and four passed in Chemistry.

Second Examination (Four Years' Course).—G. C. J. Sutton, E. H. Smyth, and J. W. Duncan.

Second Examination (Five Years' Course).—A. C. Vidal, E. P. Titterton, T. N. Darling, W. M. Johnson, J. M. G. Ewing (with distinction), J. S. McLean, C. Garner, B. Ingram, R. P. Osford, H. A. Hagenauer, J. Sullivan (with distinction), G. S. P. McDermott, A. Oyejola, M. P. Desmond, J. M. Campbell (with distinction), J. Young (with distinction), and H. E. Bolton.

Two passed in Anatomy.

Third Examination (Five Years' Course).—J. H. Contractor, A. J. O'Leary, T. B. Lewers, R. A. C. Rigby, P. R. Sataravala, H. J. George, J. E. R. Mumford, Lilian Mary Grandin, Sybil Louie Lewis, G. M. A. Thomas, J. S. Forth (with distinction), W. H. Boalch, J. D. Munsiff, J. St. A. Maughan, B. E. M. Newland, E. P. A. Richardson, J. O'Brien, Elizabeth Mary Cardoza, W. L. Hodge, J. J. Lawton, and R. D. Hirsch.

One passed in Materia Medica.

Final Examination.—J. C. MacLean, C. I. Levey, F. L. Thomson, M.D., J. W. Isbister, Sophia Frances Hickman, D. Moodie, F. J. Scrimgeour, R. B. Johnston (with honours), P. Gray-Marshall, May Thomson, R. D. A. Douglas, P. Mohan, H. A. Lunn, W. Bates, D. Grant, W. S. R. Dick, A. J. Beardmore, V. N. Palwardhan, H. R. Parkinson, R. P. H. Blackstock, W. J. Gray, W. J. N. Todd, S. B.

Kulkerni, M. S. Naidu, L. P. Anderson, P. Howe, J. W. Sutton, P. D. D. Sasun, K. M. Manghirmalani, W. Deery, H. G. Arnott, M.D., H. F. Banaje, A. W. Hart, J. Buckner, W. G. N. Keith, St. C. Ballenden, and J. W. Wood.

Five passed in Medicine and Therapeutics, 1 in Surgery and Surgical Anatomy, 6 in Midwifery, and 7 in Medical Jurisprudence.

CONJOINT BOARD IN IRELAND.

First Professional Examination.—Candidates have passed this examination as undernoted:—

Honours, in Order of Merit.—P. Foran, M. O'Connor, (C. W. Greene, W. P. Kelly, H. J. Peny, equal), (H. M. Harrison, G. Petit, equal), (E. H. F. Gilligan, J. B. Kelly, equal), (C. M. Burton, J. R. Tobin, equal).

All Subjects.—T. A. Burke, M. Cohen, Miss K. Dillon, J. Gaffney, W. Glennon, M. D. Healy, A. Hogan, J. Humphreys, M. J. Kelly, J. J. P. Kinsella, T. H. Massey, W. St. L. Moorhead, C. F. Murphy, D. M'Cormack, R. O'Kelly, O'C. J. O'Reilly, P. J. O'Reilly, J. Prindville, R. J. Smallman, C. H. Waddell, M. Walters, R. Welply.

Completed the Examination.—J. Burke, J. Clarke, J. J. Corr, Miss M. K. H. Griffin, F. N. Hillis, C. A. Leeper, A. L. Mansfield, J. O'L. Murray, S. M'Causland, F. J. M'Manus, J. V. O'Hagan, J. V. Sage, R. J. Swanton, G. W. Wright.

Second Professional Examination (Old Rules).—Candidates have passed this examination as undernoted:

F. W. Bruncker, J. Harvey, R. M'Elroy, T. R. Ryan.

Second Professional Examination (Part II).—Candidates have passed this examination as undernoted:

Honours.—M. Keam, Miss G. W. Clarke.

All Subjects.—M. Antony, E. A. Bernard, M. Campbell, W. J. Cowell, T. J. Golding, K. P. Mary, R. H. Smythe, A. J. Swanton, W. Tobin.

Completed the Examination.—L. A. Hynes, Miss F. J. Lardner, J. M. Moriarty, S. H. Robinson.

Third Professional Examination.—Candidates have passed this examination as undernoted:

Honours, Order of Merit.—C. W. Ewing, J. P. Lynch (R. W. Burkitt, K. F. Fleury, equal).

All Subjects.—R. J. B. Buchanan, J. Casey, J. Clark, D. C. V. Fitzgerald, P. J. Irwin, J. P. Ryan, L. P. Stokes, G. J. Tabuteau.

Completed the Examination.—R. I. Gordon, T. Keogh, T. J. Nicholl, J. O'Doherty, W. J. O'Doherty.

Final Professional Examination.—Candidates have passed this examination as undernoted:

All Subjects.—T. A. Dillon, Miss H. A. Hall, Miss M. E. M. Logan, J. J. Moore, W. B. A. Moore, J. Murphy, J. Murray, M. A. A. O'Brien, J. O'Doherty, C. E. O'Keefe, G. C. Robinson, F. C. York.

Completed the Examination.—H. M. Clark, T. P. Cormack, J. Dwyer, R. W. Richards, G. J. Sexton, J. H. White.

The Public Health Diploma has been granted to J. D. Wynn, M.B. (honours), R. D. Booth, M.B., C. D. H. Rygate, M.R.C.S., H. Woods, M.D.

ROYAL COLLEGE OF SURGEONS OF EDINBURGH.

At a meeting of the College held on July 2nd, the following gentlemen, having passed the necessary examinations, were admitted Fellows of the College: J. Broadley, M.B., C. J. Caddick, M.B., C.M., D. R. Dobie, M.D., R. E. Goone-Tilleke, L.R.C.S.E., H. McI. W. Gray, M.B., C.M., A. Haynes, M.R.C.S.E., G. B. Hollings, M.D., M.R.C.S. Eng., A. H. B. Kirkman, L.R.C.S. Eng., F. L. Provis, M.R.C.S. Eng., M. C. Sykes, M.R.C.S. Eng., and G. Nag, L.R.C.S.E.

ROYAL COLLEGE OF SURGEONS IN IRELAND.

The following candidates have passed the primary part of the Fellowship Examination: G. P. A. Bracken, J. J. Connolly, H. N. Crawford, C. A. Cusack, R. W. D. Leslie, T. C. C. Leslie, F. B. Loughnan, J. C. Murphy, J. Pratt, and J. S. Sheild.

The following is a list of the prizes awarded in the summer session, 1902: Barker Anatomical Prize—£30, R. G. Allen, Carmichael Scholarship—£15, J. J. Connolly. Silver Medal in Operative Surgery—W. R. Ormsby and J. J. Ryan (equal). Practical Histology—W. W. Boyce, first prize (cheque) and medal; A. C. Adams, second prize (cheque) and certificate. Practical Chemistry—C. M. Burton, first prize (cheque) and medal; L. F. Kelly, second prize (cheque) and certificate. Public Health and Forensic Medicine—F. O'D. Fawcett, first prize (cheque) and medal; L. F. Kelly, second prize (cheque) and certificate. Materia Medica—P. V. Dolan, first prize (cheque) and medal; H. S. Misstear, second prize (cheque) and certificate. Practical Pharmacy—C. M. Burton, first prize (cheque) and medal; R. J. Smallman, second prize (cheque) and certificate. Biology—C. M. Burton, first prize (cheque) and medal; A. J. Faulkner, second prize (cheque) and certificate.

THE SCHOOL OF MEDICINE OF THE ROYAL COLLEGES, EDINBURGH.

At a meeting of the Governing Board of the School of Medicine of the Royal Colleges, Edinburgh, the Secretary, Mr. R. N. Ramsay, reported that the number of students attending the school during the Winter Session 1901-2 was 1,143, and during the Summer Session, 1902, the number was 1,148.

CULTIVATION OF DRUG PLANTS IN AMERICA.—The Bureau of Plant Industry, United States Department of Agriculture, has, we learn from *American Medicine*, in progress experiments in the cultivation of drug plants, the most important being at Washington and Dover, Mass. It now seems possible that many of the crude drugs imported can be successfully cultivated in this country. Digitalis, cannabis indica, the opium poppy, and stramonium are showing evidence of their adaptability to this climate and soil.

WE regret to announce the death of Mr. JAMES WARE, F.R.C.S., which took place at his residence, Tilford, near Farnham, Surrey. Mr. Ware, who was 85 years of age, was the eldest son of the late Mr. Martin Ware, of Tilford, and of his wife Anne, the younger daughter of the Rev. Thomas Tayler, of Tilford, Surrey, and Whitlodge, Worcestershire. Both Mr. Ware's father and grandfather, Mr. James Ware, were eminent as surgeons and oculists, the latter being a Fellow of the Royal Society, and one of the founders of the Medical Society of London. Mr. Ware entered as a student at St. Bartholomew's Hospital in 1835, and subsequently became House-Surgeon and a Governor of the hospital. He also studied at Berlin, Vienna, and Paris. One of his fellow students, Theodore Monro, being struck by the necessity of fresh air and proper kind of treatment for a poor girl in the hospital, whose leg had been amputated and who was about to be discharged, though in a state of great weakness, consulted Mr. Ware and a few other fellow students and friends, and determined to establish a home for convalescents in the country. The result was that they founded what is now known as the Metropolitan Convalescent Institution which does such excellent work at Walton (Surrey), Broadstairs, and Highgate. At that time—more than sixty years ago—there was no such thing in the country as a convalescent home. This institution was the first of the large number of these useful and beneficial homes which are now spread over the country. For many years Mr. Ware took an active part in the management of this charity as a member of the Committee, and especially as one of the surgeons, and when he was unable to assist in this work he became one of its Vice-Presidents. When Mr. Ware was still a young man his health failed for a time, and as a consequence he relinquished the practice of his profession, though his knowledge and skill in it were of great use to him in after-life, especially as the squire of a country village and in his work as a Poor-law guardian. On retiring from the profession he settled on the family property at Tilford, where his unvarying kindness and wise help were highly appreciated by his neighbours. After a time he became one of the guardians of the Farnham Union, and was elected chairman, in which office his ability, character, and wisdom were most valuable and much appreciated. For many years he was churchwarden of Tilford Church, the foundation stone of which was laid by his father. About nineteen years ago Mr. Ware met with an accident to his knee from which he never recovered. For the last two years he had been confined to his bed, and in the early morning of July 30th he passed peacefully away. The funeral, which took place at Tilford on August 2nd, was attended by many of his neighbours, friends, and tenants. Mr. Ware was unmarried.

DEATHS IN THE PROFESSION ABROAD.—Among the members of the medical profession in foreign countries who have recently died are Dr. Karl Marinus Reiss, Professor of Pathology in the University of Copenhagen, aged 73; Dr. Cesare Taruffi, for many years Professor of Pathological Anatomy in the University of Bologna, and a recognized authority on teratology, aged 82; Dr. M. Nieto y Serrano, Marquis de Guadalerzas, President of the Spanish Royal Academy of Medicine; and Dr. Otto Braehmer, one of the staunchest advocates of medical and sanitary reform in Germany, aged 64.

MEDICAL NEWS.

UNIVERSITY COLLEGE, LIVERPOOL.—The Council of University College, Liverpool, has agreed to invite Dr. Benjamin Moore, now Lecturer in Physiology in the Charing Cross Medical School, to accept the Chair of Bio-Chemistry, recently founded in University College by Mr. William Johnston. Besides wide experience in teaching, Dr. Moore since the year 1892 has published more than thirty papers, contributed to the *Proceedings of the Royal Society*, the *Journal of Physiology*, and to the publications of other important societies in England, Germany, and America. He has also published an elementary textbook on physiology.

At the same meeting, Mr. Horace W. B. Bennette was elected to a Lectureship in Operative Dental Surgery.

THE WARSAW PASTEUR INSTITUTE.—The Pasteur Institute of Warsaw was founded 15 years ago, and during that period some 500,000 antirabic inoculations have been performed there. Recently an accident occurred of which there had been no previous example. Of 40 persons inoculated on November 29th, 1901, 22 were attacked with illness. Of these 6 were children, 4 of whom died with symptoms resembling those of scarlatina. The other persons presented only local manifestations. The Institute was closed and disinfected, and the performance of inoculation was not resumed till December 20th, when fresh spinal cords procured from St. Petersburg and Cracow were employed. Dr. Palmicki, the Director of the Institute, is investigating the cause of the outbreak, which is believed to be due to secondary infection, and on completion of the inquiry the results will be made public.

MEDICAL VACANCIES.

The following vacancies are announced:

- BIRMINGHAM GENERAL DISPENSARY.—Resident Surgeon, unmarried. Salary, £200 per annum for cab hire, furnished rooms, etc. Applications to the Secretary by August 25th.
- BIRMINGHAM AND MIDLAND EAR AND THROAT HOSPITAL.—House-Surgeon for eight months. Salary at the rate of £70 per annum. Applications to the Secretary, 119, Edmund Street, Birmingham, by August 23rd.
- BRISTOL ROYAL INFIRMARY.—(1) Junior House-Surgeon and Anaesthetist. (2) Casualty Officer. Appointment for six months. Salaries in each case at the rate of £50 per annum, with board, lodging, and washing. Applications to the Secretary by August 19th.
- BRITISH MEDICAL ASSOCIATION.—Secretary of Committees mentioned in By-law 39. Sections 6, 7, and 8. Candidates must be registered medical practitioners. Salary, £800 per annum, with travelling and hotel expenses. Applications to the General Secretary by September 30th.
- BURY INFIRMARY.—Junior House-Surgeon. Salary, £200 per annum, with board, residence, and attendance. Applications to the Hon. Secretary, Dispensary, Knowles Street, Bury.
- CAMBRIDGE: ADDENBROOKE'S HOSPITAL.—Senior House-Surgeon. Appointment for six months. Salary at the rate of £50 per annum, with board, lodging, and washing. Applications to the Secretary, 23, St. Andrew's Street, Cambridge, by September 20th.
- CANCER HOSPITAL, Fulham Road.—Pathologist. Salary, £250 per annum. Applications to the Secretary by September 30th.
- CANCER RESEARCH FUND.—General Superintendent of Cancer Investigation. Applications to the Secretary, Examination Hall, Victoria Embankment, by October 1st.
- CHORLEY: RAWLIFFE HOSPITAL.—House-Surgeon. Salary, £100 per annum, with board and lodging. Applications to the Honorary Secretary.
- CITY OF LONDON HOSPITAL FOR DISEASES OF THE CHEST, Victoria Park, E.—Second House Physician. Appointment for six months. Salary, £50 per annum, with board, washing, and residence. Applications to Secretary by September 8th.
- CORNWALL COUNTY ASYLUM, Bodmin.—Junior Assistant Medical Officer (Male) Salary, £130 per annum, rising to £160, with board, furnished apartments, laundry, etc. Applications to the Medical Superintendent by August 23rd.
- DENBIGH: DENBIGHSHIRE INFIRMARY.—House-Surgeon. Salary, £100 per annum, with board, residence, and washing. Applications to the Secretary.
- DUNDEE SANATORIUM FOR CONSUMPTION.—Medical Superintendent. Salary, £250 per annum. Applications to the Hon. Secretary, City Chambers, Dundee, by August 18th.
- EDINBURGH: VICTORIA HOSPITAL FOR CONSUMPTION.—Resident Physician. Appointment for six months. Residence, board, and washing provided, and a small honorarium. Applications to the Hon. Secretaries, Messrs. Wallace and Guthrie, W. S., 1, North Colinton Street, Edinburgh, by September 1st.
- HALIFAX UNION POOR-LAW HOSPITAL, Salterhebble.—Resident Medical Officer and Dispenser. Salary, £160 per annum, with apartments, rations, and washing. Applications to the Clerk to the Guardians, 4, Carlton Street, Halifax, by August 25th.
- HOSPITAL FOR SICK CHILDREN, Great Ormond Street, W.C.—House-Physician. Appointment for six months. Salary, £25, with washing allowance of £2 10s. s.d. per month. Applications to the Secretary by September 8th.
- JENNER INSTITUTE OF PREVENTIVE MEDICINE.—Assistant Bacteriologist for the Serum Department, Aldenham, Herts. Salary, £200 per annum, with furnished rooms. Applications to the Secretary, Jenner Institute, Chelsea Gardens, S.W., by September 1st.
- KIRKMICHAEL, BANFFSHIRE.—Medical Officer. Salary, £115. Applications to Clerk to the Parish Council.
- LANARK.—Resident Physician for the Middle Ward Isolation Hospital. Salary commencing £140 per annum, with board, etc. Applications to the District Clerk by August 28th.
- LIVERPOOL INFECTIOUS DISEASES HOSPITALS.—Assistant Resident Medical Officer. Salary, £120 per annum, with board, washing, and lodging. Applications to the Chairman of the Port Sanitary and Hospitals Committee, care of Town Clerk, by August 23th.
- LIVERPOOL: TOXTETH PARK WORKHOUSE AND INFIRMARY.—Resident Medical Officer. Salary, £100 per annum, with board, washing, and apartments. Applications to J. Moulding, Clerk to the Guardians, 15, High Park Street, Liverpool, by August 20th.
- LONDON HOSPITAL, Whitechapel, E.—Physician to the Skin Department. Applications to the House Governor by August 25th.
- LONDON THE GREAT HOSPITAL, 204, Great Portland Street, W.—House Surgeon, non-resident. Appointment for six months. Salary at the rate of £50 per annum. Applications to the Honorary Secretary Medical Committee.
- MACCLESFIELD GENERAL INFIRMARY.—Junior House-Surgeon. Salary, £70 per annum, with board and residence. Applications to the Chairman of House Committee by August 27th.
- METROPOLITAN ASYLUMS BOARD.—Senior Male Assistant Medical Officer for the Asylum at Brixton, near Dorking, unmarried, and not exceeding 35 years of age. Salary, £250 per annum, rising to £300, with rations, lodging, attendance, and washing. Applications, on forms provided, to be sent to the offices of the Board, Embankment, E.C., by August 18th.
- NORTHAMPTON: ST. ANDREW'S HOSPITAL FOR MENTAL DISEASES.—Junior Assistant Medical Officer, unmarried. Salary, £200 per annum, with board, furnished apartments, and washing. Applications to the Medical Superintendent by August 30th.
- NOTTINGHAM GENERAL DISPENSARY.—Assistant Resident Surgeon. Salary, £160 per annum, increasing £10 annually, with furnished apartments, attendance, light, and fuel. Applications to the Secretary, Mr. M. I. Preston, Journal Chambers, Nottingham.

PORTSMOUTH: PORTSEA AND GOSPORT HOSPITAL.—Assistant House-Surgeon. Honorarium of £50 per annum, with board, etc. Applications to the Secretary by August 22nd.

ROSS UNION.—(1) Medical Officer for the Third District. Salary, £80 per annum. (2) Public Vaccinator for the Second and Third Districts. Applications to the Clerk to the Guardians by August 20th.

ROYAL FREE HOSPITAL, Gray's Inn Road, W.C.—(1) Physician for Diseases of Women, with charge of in-patients. (2) Assistant Physician for Diseases of Women, with charge of out-patients. Applications to the Secretary by October 11th.

ST. BARTHOLOMEW'S HOSPITAL, E.C.—Lecturer on General Anatomy and Physiology in the Medical School. Applications to the Clerk by September 8th.

SHEFFIELD: WEST RIDING ASYLUM, WADSLEY.—Fifth Assistant Medical Officer. Salary, £140 per annum, increasing £10 annually to £160, with board, etc. Applications to Medical Superintendent by August 27th.

SOUTHPORT INFIRMARY.—Resident Junior House and Visiting Surgeon, unmarried. Appointment for six months, but renewable. Honorarium at the rate of £81 per annum, with residence, board, and washing. Applications to the Secretary, 24, King Street, Southport.

STAFFORD: STAFFORDSHIRE GENERAL INFIRMARY.—Assistant House-Surgeon. Salary, £30 per annum, with board, lodging, and washing. Applications to the House-Surgeon.

STOCKPORT INFIRMARY.—Junior Assistant House-Surgeon. Appointment for six months. Salary at the rate of £40 per annum, with board, washing, and residence. Applications to the Secretary.

THREE COUNTIES ASYLUM, Arlesey, near Hitchin.—Second Assistant Medical Officer (male), unmarried and under 30 years of age. Applications to Dr. Ernest de Lisle at the Asylum by August 30th.

TIVERTON INFIRMARY AND DISPENSARY.—House-Surgeon and Dispenser. Salary, £80 per annum, with board, apartments, etc. Applications to the Honorary Secretary, by September 1st.

WEST BROMWICH DISTRICT HOSPITAL.—Resident Junior House-Surgeon. Salary, £50 per annum, with board, lodging, washing, and attendance. Applications to the Honorary Secretary.

WESTON-SUPER-MARE HOSPITAL AND DISPENSARY.—Medical Officer to Dispensary. Salary, £100 per annum, with board, lodging, and washing. Applications to the Honorary Secretary by August 26th.

WOLVERHAMPTON AND STAFFORDSHIRE GENERAL HOSPITAL.—(1) Assistant House Surgeon. (2) Assistant House Physician. Appointment for six months, with honorarium at the rate of £75 per annum, and board, lodging, and washing. Applications to the Secretary by August 22nd.

MEDICAL APPOINTMENTS.

ETTLER, W. J. M., M.D. Aberd., appointed Medical Officer of Health for No. 11 District of the London County Council, *vice* J. S. E. Cotman, M.R.C.P., L.R.C.S. Edin., deceased.

FISHER, Charles, M.B., B.S. Dur., M.R.C.S., L.R.O.P., appointed Deputy Poor-law Medical Officer and Public Vaccinator to the Albury District of the Guildford Union.

HARDING, Norman E. M.B., Ch.B. Edin., appointed Second House Surgeon to the East Suffolk and Ipswich Hospital.

HEAP, E. F. G. T., M.R.C.S., L.R.C.P. Lond., appointed District Medical Officer of the Grimsby Union.

HIME, E. M., M.B., Ch.B. Viet., appointed District and Workhouse Medical Officer of the Ayrshire Union.

HOOKER, John, M.R.C.S. Eng., L.S.A. Lond., appointed Medical Officer and Public Vaccinator to the Hartington District of the Ashbourne Union.

LAPAGE, C. P., M.B., Ch.B., appointed House-Surgeon to the Manchester Royal Infirmary.

LEIGHTON, Gerald, M.D., appointed Interim Professor of Pathology and Bacteriology at the Royal (Dick) Veterinary College, Edinburgh.

MCWALTER, W., M.B., appointed Medical Officer to His Majesty's Prison, Peterhead.

MERGES, T. Hugh E., M.R.C.S., L.R.O.P., appointed Public Vaccinator of the Slough District of the Eton Union, *vice* J. Brickwell, M.R.C.S., L.S.A.

MONRO-HUME, G. H., M.D. Edin., appointed Honorary Anaesthetist to the David Lewis Northern Hospital, Liverpool.

NICHOLSON, E., M.R.C.S. Eng., L.R.C.P. Lond., appointed Medical Officer of Health for the Fenny Stratford Urban District Council.

PATON, Leslie, B.A., M.B., B.C. Camb., F.R.C.S. Eng., appointed Assistant Ophthalmic Surgeon to St. Mary's Hospital, Paddington.

SWEENEY, W. J., M.B., B.S., R.U.I., appointed Deputy Medical Officer of the Workhouse and the Thornbury District of the Thornbury Union, *vice* Alfred Grace, resigned.

THOMAS, Abraham, M.B., B.S. Lond., reappointed Medical Officer of Health to the Aberswith Urban District Council.

VEBLEY, E. C., M.B., Ch.B. Edin., M.R.C.S., L.R.C.P., B.Sc., appointed House-Physician to the General Hospital, Birmingham.

WARBACK, J. S., M.A., M.D. Aberd., appointed Deputy Medical Officer of Health for Tottenham.

WYNN, Walter, M.B., C.M. Edin., reappointed Medical Officer of Health to the Rye Corporation.

YOUNG, E., M.B., C.M. Aberd., appointed District and Workhouse Medical Officer of the Rochford Union.

DIARY FOR NEXT WEEK.

POST-GRADUATE COURSES AND LECTURES.

West London Hospital, Hammermith Road, W.—Monday, 3.30 p.m.: Demonstration in Medical Wards. Tuesday, 5 p.m.: Application of Plaster of Paris Splints. Wednesday, 5 p.m.: Aphasia. Thursday, 4.30 p.m.: Demonstration in the Medical Wards. Friday, 4.30 p.m.: Skin Cases.

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 orders or stamps with the notice not later than Wednesday morning, in order to ensure insertion in the current issue.

BIRTHS.

JOHNSON.—At Blackpool, on August 11th, Edith B. Johnson, M.B., B.Ch. (née Joel), wife of J. Johnson, L.F.P.S., L.R.C.P., of a son.

LE GEYT.—On August 10th, at 56, David Place, the wife of Edward Le Geyt, M.R.C.S. Eng., L.R.O.P. Lond., of a son.

LUCKHAM.—On August 2nd, at 47, Winchester Street, Salisbury, the wife of L. S. Luckham, M.R.C.S., of a daughter.

DEATHS.

DUNCAN.—On July 28th, at Menzies, Western Australia, of pneumonia, Samuel Vere Duncan, L.R.C.P., M.R.C.S., second son of the late Professor P. Martin Duncan, F.R.S., of King's College, London, aged 38.

MORGAN.—August 7th, at North Street, Langport, John Morgan, F.R.C.S. Eng., in his 63rd year.

NEAL.—On August 10th, at his residence, St. Cross, Sandown, Isle of Wight, James Neal, M.D., aged 66 years.

LETTERS, NOTES, AND ANSWERS TO CORRESPONDENTS.

COMMUNICATIONS respecting Editorial matters should be addressed to the Editor, 1, Agar Street, Strand, W.C., London; those concerning business matters, advertisements, non-delivery of the JOURNAL, etc., should be addressed to the Manager, at the Office, 429, Strand, W.C., London.

ORIGINAL ARTICLES and LETTERS forwarded for publication are understood to be offered to the BRITISH MEDICAL JOURNAL alone, unless the contrary be stated.

ATV. JOES desiring reprints of their articles published in the BRITISH MEDICAL JOURNAL are requested to communicate with the Manager, 429, Strand, W.C., on receipt of proof.

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 at 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 at his private house.

TELEGRAPHIC ADDRESS.—The telegraphic address of the EDITOR of the BRITISH MEDICAL JOURNAL is *Articulate, London*. The telegraphic address of the MANAGER of the BRITISH MEDICAL JOURNAL is *Articulate, London*.

Queries, answers, and communications relating to subjects to which special departments of the BRITISH MEDICAL JOURNAL are devoted will be found under their respective headings.

QUERIES.

W. L. would feel grateful for advice as to a suitable place for a patient suffering from locomotor ataxy to spend the winter in. The patient is a man of moderate means, and could not afford any of the very expensive resorts. He is only very slightly ataxic.

IGNORAMUS writes: Would any one who has any experience of brougham-hansoms kindly let me have the benefit of it? Their suitability for a hilly country is one point on which I should like information. Who are considered the best makers?

MR. LUDFORD COOPER (19, Victoria Street, Rochester) would be much obliged if any member of the Association would send him the address of any institution which would admit a patient for the Weir-Mitchell treatment who is only able to pay £1 a week.

DR. W. G. DUNWOODY (St. Mary's, Ely, Cambs.) would be much obliged if any readers of the BRITISH MEDICAL JOURNAL who have a satisfactory two-wheeled covered carriage (not a hansom) would communicate with him, giving particulars. Replies by post would be much appreciated, as time is limited.

LINGUA writes: Will any member who has had experience of cases of stammering in children kindly give some hints as to the management of a boy 5½ years old, who has within the last twelve months developed a painful hesitation in speaking? The boy is a bright, intelligent child, in perfect health, and who spoke with ease and fluency up to a year ago, when he began gradually to have periodical fits of difficulty in articulating some words; the difficulty has gradually increased, until at the present time he makes grotesque grimaces, puffs out his cheeks, etc., and only succeeds in getting almost any word articulated after prolonged effort. Any suggestion as to treatment will be gratefully received and acted upon. There is no defect in the organs of speech.

M.D. DEGREE FOR PRACTITIONERS.

H. R. (Roscrea) writes to ask what British Universities confer the M.D. degree on practitioners of fifteen years' standing, what would be the cost in time and money of obtaining such a degree, and if a reasonably well-read man would be fairly certain of obtaining it.

*As far as we are aware at the present time the only British university that confers the M.D. degree on practitioners of fifteen years' standing is the University of Durham. It is impossible to answer the question in regard to cost, as it would vary with the individual. The third query may be answered in the affirmative.

THE DISPOSAL OF WASTE LIQUORS IN TANNING.

M.O.H. writes: There are three refuse liquors in the process of tanning, two of which are innocuous—the lime liquor in which the skins are soaked for the purpose of removing the hair, and the exhausted tan liquor. The other, which is not harmless, is that known as the "bate liquor," in which the skins are soaked together with fowls' dung to remove blood and decomposing animal matter. The question on which information is desired is, What is the best method of disposing of this offensive liquid? As medical officer of a small urban district I am called upon to deal with the nuisance arising from the discharge of these liquids into a small open "beck." Three courses are possible: To discharge into the common sewer, to deodorize, to carry by special pipes to a point beyond the neighbourhood of dwellings before discharging into the stream. To the first of these the objection is that the smell would still be offensive and injurious through the gratings and ventilators of the sewer, and that the lime liquor might choke the sewer by its deposit. To the second the objection would be the cost and the difficulty of ensuring that it was efficiently done. To the third I know of no objection but the cost. What I should like to know from some readers is the way in which this difficulty is dealt with in other districts.

ANSWERS.

H. S. has omitted to enclose his card.