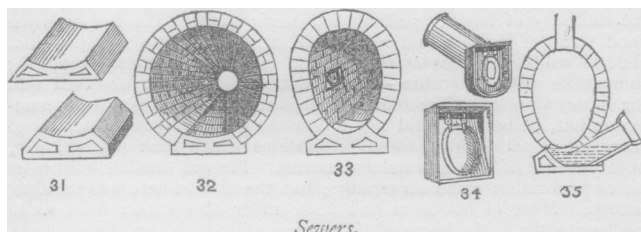


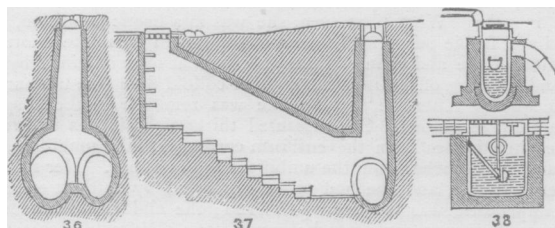
lator, suitable for erection over a square shaft, and very well adapted to the larger drain-pipes, is given at Fig. 30, and here the charcoal is laid upon a portable spiral tray. The rain or road-water enters in at the annular gratings outside, and when the grit box is full, *i. e.*, as high as A, it runs away down the small square trough underneath the shelves of tray and so into the sewer. All the gases rising from the sewer are compelled to pass these charcoal barriers. It is impossible, also, for water to get at the charcoal and so expel the oxygen there.

The main sewers are formed either circular in shape, as drawn at Fig. 32, or egg-shaped, as at Fig. 33. In both cases, it is usual to lay in the bottom with what are called invert. These are sketched at Fig. 31, and are shown in their places at Figs. 32 and 33. Where the drain-pipes of a house enter the main sewer, a flap-trap similar to Fig. 34 is fixed in the sewer-walls. A square one, for instance, is shown in the sewer at Fig. 33. These flaps swing open to allow the house-drains to empty themselves, and close again to shut out from the drain-pipes the foul air of the sewers.

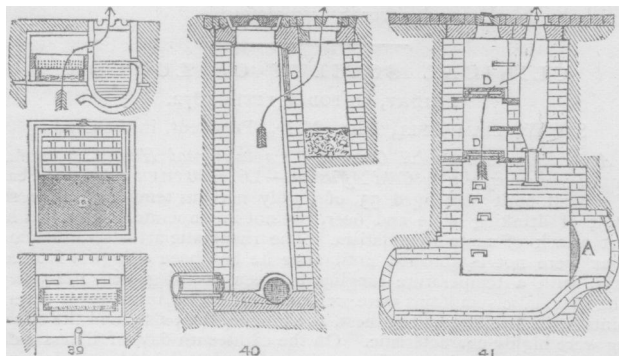


Sewers.

A patent mode of ventilating the sewers, the invention of Mr. T. Walker, and one largely adopted in Birmingham, is drawn at Fig. 35. A peculiarity of the system is, that the earthenware drain-pipes lead into the sewer at the bottom, and not half-way up, as is usual. Moreover, instead of a flap-trap, there is a water-trap. The ventilating pipe is a very good feature in the arrangement, whatever might be said about the liability to choking up at the entrances to the tributary drains.



It might be useful to explain that, when two sewers join together, in the direction of the flow of the sewage, as they should always do, what is called a *bell-mouth* is formed, with a ventilating shaft up to the roadway. One description of these junctions is drawn at Fig. 36. There are also side entrances into the sewers; and one of these flights of steps, which are arched over, is exhibited at Fig. 37. Two sections, also, of a common roadside gully are given at Fig. 38. These are fixed in the road beside the kerb of pavement, and, as will be noticed, are so constructed that they will intercept the road-grit, and so prevent the filling up with gravel, etc., of the space left for the water.



The sewers are deodorised and disinfected in many ways. A view of the apparatus which is inserted in the crown of some sewers, in the

middle of the street, is sketched in plan and sections at Fig. 39. The charcoal-trays can be observed in plan at D, and in section in the sketches above and below. Fig. 40 represents the common method of ventilating and disinfecting the larger pipe-drains of the streets; and here the charcoal screen is placed in an upright position (see D). The sewers are similarly treated, but the movable filtering screens are laid across the shaft, as drawn at Fig. 41. When there is a break in the sewer, a flap is fixed at A; and this prevents, or is intended to prevent, the foul air from reaching the higher districts of a town. The sketches Figs. 40 and 41 were first prepared by Mr. Rawlinson, and are copied from an official pamphlet of his.

The foregoing description of the drain-pipes and sewers will probably be deemed sufficiently explanatory; and we will therefore, in the next article, point out the most useful kinds of traps.

ASSOCIATION INTELLIGENCE.

YORKSHIRE BRANCH.

THE autumnal meeting of this Branch will be held at Scarborough, on Tuesday, October 22nd.

Gentlemen who purpose attending the meeting, or bringing forward communications, are requested at once to communicate with the Local Secretary.

W. PROCTER, M.D., *Honorary Secretary.*

York, October 2nd, 1872.

SOUTH WALES AND MONMOUTHSHIRE BRANCH.

THE autumn meeting of this Branch will be held at Pontypool, on Friday, October 25th; T. J. DYKE, Esq., F.R.C.S., President, in the Chair.

Members who are desirous of reading papers, etc., are requested to communicate their intention to one of the Secretaries, without delay.

ANDREW DAVIES,

ALFRED SHEEN, M.D., } *Honorary Secretaries.*

September 25th, 1872.

BIRMINGHAM AND MIDLAND COUNTIES BRANCH: PATHOLOGICAL AND CLINICAL SECTION.

THE annual meeting will be held on Friday, October 25th, at the Midland Institute, Birmingham. The Chair will be taken by Mr. HOUGHTON, at 3 P.M.

T. VINCENT JACKSON, *Honorary Secretary.*

Birmingham, October 14th, 1872.

CUMBERLAND AND WESTMORLAND BRANCH.

THE autumnal meeting of the above Branch will be held at the Green Dragon Hotel, Workington, on Friday, November 1st, instead of October 30th, as previously announced; T. S. CLOUSTON, M.D., President, in the Chair.

Gentlemen intending to read papers or cases, or be present at the dinner, are requested to give notice to the Secretary as early as possible.

HENRY BARNES, M.D., *Honorary Secretary.*

Carlisle, October 16th, 1872.

SOUTH-EASTERN BRANCH: WEST SUSSEX DISTRICT MEDICAL MEETINGS.

THE autumn meeting of the above district will be held at the Norfolk Hotel, Arundel, on Tuesday, October 29th, at 2.45 P.M.; Dr. TYACKE, of Chichester, in the Chair.

The dinner will take place at 4.30 P.M.

Members who are willing to read papers, or bring forward cases, are requested to communicate with the *Honorary Secretary at once*, in order that notice of the same may be inserted in the circular convening the meeting.

WM. J. HARRIS, *Honorary Secretary.*

13, Marine Parade, Worthing, October 14th, 1872.

BATH AND BRISTOL BRANCH.

THE first ordinary meeting of the session will be held at the College Green Hotel, Bristol, on Thursday evening, October 31st, at 7 o'clock; T. G. STOCKWELL, Esq., President, in the Chair.

E. C. BOARD,

R. S. FOWLER, } *Honorary Secretaries.*

Bristol, October 1872.

UNIVERSITY INTELLIGENCE.

UNIVERSITY OF CAMBRIDGE.

PROFESSOR HUMPHRY gives notice that the course of lectures on Practical Anatomy will commence on Monday, October 7, at nine A.M., and be continued daily at the same hour.

The course of lectures on Anatomy and Physiology will commence on Tuesday, October 22, at the New Museums, at one P.M., and be continued on Tuesdays, Thursdays, and Saturdays, at the same hour.

UNIVERSITY OF OXFORD.

UNATTACHED STUDENTS.—*Apropos* of the "unattached" student scheme, the Delegacy have issued their annual report, from which it will be seen that during the four years of its existence there has been a steady increase in the number of students, who in 1868-69 numbered 53; in 1869-70, 72; in 1870-71, 104; and in 1871-2, 125. After recapitulating the distinctions gained by the students during the year, the report concludes as follows:—"The Delegates feel that they may call attention to the answer provided by these facts to the objection formerly urged, that these students might be intellectually below the general standard of the University. They are confident that the amount of intellectual life and industry, developed by the unattached system, may be compared not unfavourably with that shown by the average of students in the University. It only remains for the Delegates to express their thanks to their students for the regularity of their conduct during the year. The disciplinary duties of the censors have been very light, and they feel that the continued good behaviour and diligence of the men are satisfactory proofs of the success of the system, and a complete justification of the confidence reposed in these undergraduates by the University." From a voluntary return made by twenty students, the Delegates are enabled to answer the question of "What is the yearly cost of the system to a careful undergraduate?" they say, with some confidence, the following being the result of the averages:—Board and lodging for three terms of eight weeks, at 26s., £31 4s.; University dues, £4 10s.; examination fees (on the average) £1 1s.; tuition expenses (about), £10 10s.—total, £47 5s. These figures do not, of course, include travelling, books, clothes, pocket-money, or cost of living in the vacations. Still, the delegates say, "they prove conclusively that a careful student can get through his Oxford career for a sum not exceeding £50 a year."

MAGDALEN COLLEGE: NATURAL SCIENCE DEMYSHIPS.—The following have been elected: Mr. William Jocelyn Palmer Wood, from Clifton College; Mr. Charles Henry Wade, from Owens' College, Manchester. The stipend of the Demyships is £95 *per annum*, and of the Exhibition £75, inclusive of all allowances, and they are tenable for five years, provided that the holder does not accept any appointment which in the judgment of the electors will interfere with the completion of his University studies. The examinations for the Mathematical and Natural Demyships were held, in common with Merton College, at the same time and with the same papers.

MERTON COLLEGE.—A Natural Science Postmastership, of the value of £80 *per annum*, tenable for five years, etc., has been awarded to Mr. W. Hugh Jones, from Derby Grammar School.

OBITUARY.

FREDERICK WILLIAM YOUNG, M.R.C.S.ENG.,
L.R.C.P.LOND.

MR. YOUNG, who died in London, on October 8th, at the early age of 27, was educated at Sherborn School, and entered as a medical student at University College in 1862, where he filled in the course of his studies several clinical appointments. At the close of his student's career, he became house-surgeon to the County Infirmary at Dorchester. This he left about three years since, and after a short sojourn with Dr. McNab, of Bury St. Edmunds, and as pulmonary phthisis (to which he was hereditarily disposed) had given slight signs of its advance upon him, he settled at Margate, where he became first the assistant, and subsequently the partner, of Dr. W. P. Price. The bracing air of Margate had a most beneficial effect upon his health, which at first very greatly improved; but the hard work of the Margate season proved too much for his delicate constitution, and about six weeks since he was seized with violent epistaxis, which proved to be the beginning of the end; for he became weakened by loss of blood, and his old enemy gained steadily upon him.

MEDICAL NEWS.

APOTHECARIES' HALL.—The following gentleman passed his examination in the science and practice of medicine, and received a certificate to practise, on Thursday, October 3rd, 1872.

Moore, Henry Cecil, King's Norton

The following gentlemen passed their examination in the science and practice of medicine, and received certificates to practise, on Thursday, October 10th.

Jennings, William Oscar, Trinity Square, Borough
Pearde, Henry, New Romney, Kent
Smith, Thomas Bower, University College
Talbot, Russell Main, Guildford Road, Poplar

As an Assistant in compounding and dispensing medicines.
Pearce, Percy, Guildford Street, W.C.

MEDICAL VACANCIES.

The following vacancies are announced:—

- BALFORD HOSPITAL, Kirkwall, Orkney—Medical Officer.
BELFORD HOSPITAL, Fort William, Inverness-shire—Resident Surgeon: £150 *per annum*, board and lodging.
BIRMINGHAM GENERAL DISPENSARY—Resident Surgeon: salary £130 increasing to £150 *per annum*, residence, coals, gas, and attendance.
BIRMINGHAM HOSPITAL FOR WOMEN—Dispenser: £20 a year to commence. (Females eligible.)
BRADFORD INFIRMARY and DISPENSARY—Surgeon.
BRIDGWATER INFIRMARY—Dispenser: £40 *per annum*, board, lodging, and washing.
CLITHEROE UNION, Lancashire—Medical Officer for the Whalley District: £16 *per annum*.
CLIFDEN UNION, co. Galway—Medical Officer, Public Vaccinator, and Registrar of Births, etc., for the Rinvyle Dispensary District: £100 *per ann.*, and fees.
COVENTRY and WARWICKSHIRE HOSPITAL—Dispenser: £80 *per ann.*
DAILLY, Ayrshire—Parochial Medical Officer: £40 *per annum*, with the probability of being appointed Medical Officer to two Collieries in the parish.
DONCASTER GENERAL INFIRMARY and DISPENSARY—House-Surgeon: £100 *per annum*, board and lodging.
DOWNPATRICK DISTRICT LUNATIC ASYLUM—Assistant to the Resident Medical Superintendent: £100 *per annum*, furnished apartments, fuel, light, washing, first-class rations, and attendance.
ECCLESALL BIERLOW UNION, Yorkshire—Medical Officer for District No. 2: £57 10 *per annum*, and extra fees.
EPPING UNION, Essex—Medical Officer for the Roydon District: £30 *per ann.*
EYE INFIRMARY, Newcastle-upon-Tyne—Surgeon.
GLASGOW ROYAL INFIRMARY—Extra Physician to the Dispensary.
HALIFAX INFIRMARY—Dispenser: £60 *per annum*.
HASTINGS UNION, Sussex—Medical Officer and Public Vaccinator for District No. 3: £90 *per annum*, and extra fees.
HENLEY UNION—Medical Officer and Public Vaccinator for the Nettlebed District: £80 *per annum*, and extra fees.
HOSPITAL FOR DISEASES OF THE THROAT—Assistant-Surgeon.
LEEDS GENERAL INFIRMARY—Resident Medical Officer.
LEPER HOSPITAL, Waterford—Apothecary.
MANCHESTER ROYAL INFIRMARY—Two Assistant-Physicians.—Two Assistant-Surgeons.—Ophthalmic Surgeon.—Obstetric Surgeon.—Dental Surgeon.
MANORHAMILTON UNION, co. Leitrim—Medical Officer, Public Vaccinator, and Registrar of Births, etc., for the Manorhamilton Dispensary District: £100 *per annum*, and fees.
MIDDLESEX COUNTY LUNATIC ASYLUM, Hanwell—Apothecary: £120 *per annum*, furnished apartments, board, and washing.
NEWTON ABBOT UNION, Devon—Medical Officer for the Newton Abbot District and the Workhouse: £70 *per annum*.
SALOP INFIRMARY, Shrewsbury—Two Physicians in Ordinary.
SOUTH CHARITABLE INFIRMARY and COUNTY HOSPITAL, Cork—Resident Surgeon, Apothecary, and Secretary: £100 *per annum*, residence, coal, gaslight, attendance, etc.
UCKFIELD UNION—Medical Officer and Public Vaccinator for the Maresfield District: £85 *per annum*, and extra fees.
UNIVERSITY COLLEGE HOSPITAL—Assistant-Physician.—Assistant Surgeon.—Assistant Medical Officer in the Skin Department.
WARNEFORD, LEAMINGTON, and SOUTH WARWICKSHIRE HOSPITAL—House-Surgeon: £80 *per annum*, board, lodging, and washing.
WESTBOURNE UNION, Sussex—Medical Officer for the Workhouse: £12 *per annum*, and extra fees.—Medical Officer and Public Vaccinator for District No. 1: £62 *per annum*, and extra fees.
WEST LONDON HOSPITAL, Hammersmith Road—Two Junior Physicians.
WEST RIDING LUNATIC ASYLUM, Wakefield—Clinical Assistant.
WEST SUSSEX PRISON, Petworth—Medical Officer: £100 *per annum*.

MEDICAL APPOINTMENTS.

Names marked with an asterisk are those of Members of the Association.

- ALDER, James W. B., Esq., appointed Medical Officer for the Town District of Alverstoke Parish, in the room of W. J. Rundle, Esq., deceased.
DOUGALL, John, M.D., appointed Medical Officer of Health for the Burgh of Kinning Park, Glasgow.
KIBBLER, William A., Esq., appointed Resident Medical Officer to the London Hospital, *vice* Stephen Mackenzie, Esq., resigned.
LITCHFIELD, Henry R. C., Esq., appointed Medical Officer for the Ninth District of the Brentford Union, in the room of T. Litchfield, Esq., deceased.
MEADE, Warren, Esq., appointed Medical Officer for the Country District of Alverstoke and the Workhouse, in the room of F. J. Lowes, Esq., resigned.

*MOORE, Henry Cecil, Esq., appointed House-Surgeon to the General Infirmary, Hereford, *vice* B. P. Morison, Esq., resigned.
 *MOORE, Milner M., Esq., appointed Surgeon to the Coventry and Warwickshire Hospital, *vice* *Edward Dewes, M.D., resigned.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths, is 3s. 6d., which should be forwarded in stamps with the communication.

BIRTH.

DRURY.—On October 6th, at Pulham St. Mary, Norfolk, the wife of *Charles D. Hill Drury, M.D., of a daughter.

OPERATION DAYS AT THE HOSPITALS.

MONDAY Metropolitan Free, 2 P.M.—St. Mark's, 1.30 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 TUESDAY Guy's, 1.30 P.M.—Westminster, 2 P.M.—National Orthopaedic, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Free, 2 P.M.—Royal Westminster Ophthalmic, 1.30 P.M.—West London, 3 P.M.
 WEDNESDAY... St. Bartholomew's, 1.30 P.M.—St. Mary's, 1.30 P.M.—Middlesex, 1 P.M.—University College, 2 P.M.—St. Thomas's, 1.30 P.M.—London, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Great Northern, 2 P.M.—Samaritan Free Hospital for Women and Children, 2.30 P.M.—Cancer Hospital, Brompton, 3 P.M.—King's College, 2 P.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 THURSDAY St. George's, 1 P.M.—Central London Ophthalmic, 1 P.M.—Royal Orthopaedic, 2 P.M.—Royal London Ophthalmic, 11 A.M.—Hospital for Diseases of the Throat, 2 P.M.—Royal Westminster Ophthalmic, 1.30 P.M.
 FRIDAY Royal Westminster Ophthalmic, 1.30 P.M.—Royal London Ophthalmic, 11 A.M.—Central London Ophthalmic, 2 P.M.—Royal South London Ophthalmic, 2 P.M.
 SATURDAY St. Bartholomew's, 1.30 P.M.—King's College, 1.30 P.M.—Charing Cross, 2 P.M.—Lock (Clinical Demonstrations and Operations), 1 P.M.—Royal London Ophthalmic, 11 A.M.—Royal Free, 2 P.M.—East London Hospital for Children, 2 P.M.—Hospital for Women, 9.30 A.M.—Royal Westminster Ophthalmic, 1.30 P.M.—St. Thomas's, 9.30 A.M.

MEETINGS OF SOCIETIES DURING THE NEXT WEEK.

MONDAY.—Medical Society of London, 8 P.M. Opening of the One Hundredth Session. Communications by the President (Thomas Bryant, Esq.), Dr. Richardson, F.R.S., Dr. Wiltshire, Mr. Francis Mason, and others.
 TUESDAY.—Royal Medical and Chirurgical Society, 8.30 P.M. Dr. Dickinson, "On the Morbid Effects of Alcohol as shown in Persons who Trade in Liquor."
 THURSDAY.—Hunterian Society, 8 P.M. Open Meeting.
 FRIDAY.—Clinical Society of London, 8.30 P.M. Dr. Anstie, "Case of Syphilitic Paralysis, with rapid Atrophy and repair of Muscle"; Mr. Cooper Forster, "Case of Cystitis treated with Injection of Opium into the Bladder"; and other papers.

NOTICES TO CORRESPONDENTS.

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

WE CANNOT UNDERTAKE TO RETURN MANUSCRIPTS NOT USED.

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

COMMUNICATIONS respecting editorial matters should be addressed to the Editor; those concerning business matters, non-delivery of the JOURNAL, etc., should be addressed to the General Manager, at the Office, 37, Great Queen Street, W.C.

MR. A. J. E. PARKES (Easington) writes to confirm the statement that he was asked to take charge of the case referred to in the previous correspondence. The correspondence must now cease.

DR. RANSOME (Bowden).—Next week.

IRREGULAR CERTIFICATE OF LUNACY.—Mr. Alexander Ogilvie, an aged gentleman, surrendered at the Old Bailey, London, to take his trial for having unlawfully signed a certificate as a surgeon for the admission of a patient into a private lunatic asylum, without being legally qualified to do so. Mr. Besley, for the defendant, said the accused had merely acted under the pressure of the relations of the patient; and, although he was not a registered surgeon, he had practised as a surgeon for a great many years at Shepherd's Bush, and enjoyed a high reputation. The defendant having formally pleaded guilty, the learned judge said he acquitted him of any improper intention; but still it was absolutely necessary for the protection of lunatics, and for the public generally, that the provisions of the Lunacy Acts should be enforced. Under all the circumstances, he considered the justice of the case would be satisfied by his ordering the defendant to pay a fine of £50, and to be imprisoned until the fine was paid.

LUKE X, 37.—A correspondent, who appears to have been greatly troubled by the clergyman of his parish, who is also a member of his Dispensary Committee, giving visiting-tickets in the most indiscriminate manner, and acting with great illiberality towards him on more than one occasion, writes to inform us that he had himself placed on the select vestry with the best results, and recommends the above portion of Scripture for the study of all who may be similarly situated.

NOTICES of Births, Marriages, Deaths, and Appointments, intended for insertion in the JOURNAL, should arrive at the Office not later than 10 A.M. on Thursday.

DR. WINTERBOTHAM (Bridgewater).—We learn that Dr. John Murray, the Honorary Secretary of the Volunteer Medical Officers' Association, is at present in correspondence with the Secretary at War on the subject. We shall make known the result as early as possible.

SALE OF VACCINE-LYMPH.

SIR,—I have long noticed in the JOURNAL, advertisements from members of our profession for the sale of vaccine-lymph: and I wish to ask two questions with reference to the practice.

First: Does it pay? I always thought that medical men, and especially public vaccinators, freely gave away lymph to their brethren when they had it to spare. I have always done so myself; and, when in need, I have only to send some points to the public vaccinator in the town nearest to me on his day for vaccinating, and they always come back charged by return of post. Should there be any difficulty about doing this, any medical man can write to the Medical Officer of the Local Government Board, and may depend on receiving in a few days an ample supply of lymph, and points or tubes into the bargain, and no charge is made, the letter not even requiring to be stamped. As this is nothing new, and must be generally known, I cannot understand how the sale of lymph can be a profitable speculation.

My second question is: Is it professional? Now that we have, I trust, pretty nearly abolished the old custom of charging our patients so much for each dose of medicine, can it be right to charge each other so much for so many points or tubes of vaccine-lymph?

I should be glad to know your opinion and that of others on this subject.

October 1872.

I am, etc.,

J. M. V.

LOCAL PAIN IN PREGNANCY.

SIR,—I will be glad if any of your readers can explain the cause of, and give a remedy for, the distressing pain in the right hypochondrium, from which some women suffer during the latter months of pregnancy. I have now under my care a lady, who suffered from this pain in her first—but now suffers much more in this, her third—pregnancy, in which she has attained the seventh month. She describes the pain as of a burning and occasionally a lancinating character, immediately below the margin of the last rib. From this she is seldom quite free. I have consulted several obstetric works, but find no mention of this pain in any, save that of Gooch, who believed it to be "irritation of the liver"; and I have tried his remedies, leeching, chologogues, etc., with but little success. I have likewise used several external applications, belladonna, chloroform, etc., but with no permanent effect.

I am, etc.,

H.

FEEES FOR EVIDENCE.

SIR,—Will you kindly allow me to ask the experience of my fellow members in your next insertion of the BRITISH MEDICAL JOURNAL as to this question: what fee can I claim for giving evidence before a bench of magistrates? On Saturday last I was called to give evidence in a case of assault, the magistrates' meeting was nearly twelve miles off, and they allowed me 10s. 6d. and no travelling expenses which I appealed against, but the clerk overruled. The chairman of the magistrates thought was very little but it was all I could get. I find my neighbours have got £1 1s. and travelling expenses on such occasions, and I had the idea that that was the regular fee.

I am, etc.,

FREDERICK J. STEDMAN.

Bradwell, near Sheffield, 8th October, 1872.

HYPODERMIC INJECTION OF STRYCHNIA IN IMPAIRED VISION.

SIR,—Permit me to draw your attention to an article in *Chambers' Edinburgh Journal* for July, 1872, regarding the hypodermic use of Strychnine in organic and functional infirmity of sight, and further oblige me by noticing in the *Journal* if any cases have been treated in England, by whom, and if known, with what result.

I am, etc.,

A SURGEON.

Hull, October 7th, 1872.

WE are indebted to correspondents for the following periodicals, containing news, reports, and other matters of medical interest:—The Liverpool Weekly Albion, Oct. 12th; The Manchester Guardian, Oct. 16th; The Bath Express, Oct. 12th; The North British Advertiser, Oct. 12th; Saunders's News-Letter and Daily Advertiser, Oct. 13th; The Jersey Express, Oct. 10th; The Homeward Mail, Oct. 9th; The Tewkesbury Record, Oct. 12th; The Aberdeen Daily Free Press, Oct. 11th; The Cambridge Express, Oct. 12th; The Elgin Courier, Oct. 10th; The Yorkshire Post, Oct. 16th; The Daily Courier; The Newcastle Gazette; The Cheltenham Chronicle; The Liverpool Albion; etc.

COMMUNICATIONS, LETTERS, ETC., have been received from:—

Dr. W. O. Priestley, London; Dr. T. R. Fraser, Edinburgh; Dr. J. Crichton Browne, Wakefield; Dr. Southey, London; Dr. J. Matthews Duncan, Edinburgh; Mr. Andrew Clark, London; Mr. G. E. Norton, London; The Secretary of the Clinical Society; Mr. W. T. Briscoe, Chippenham; Mr. G. Hindle, Blackpool; Mr. J. N. Stevens, Plymouth; Mr. Haviland, London; The Secretary of the Hunterian Society; Mr. Soutter, London; Dr. A. R. Simpson, Edinburgh; Mr. E. Lund, Manchester; M.D. Edin.; The Secretary of the Royal Medical and Chirurgical Society; Mr. Robert Baker, London; Dr. John Dougall, Glasgow; Messrs. Blackwood, Edinburgh; Mr. W. M. Knipe, Melbourne; Dr. Robert Liveing, London; Mr. J. B. Langmore, London; Dr. Lauder Brunton, London; The Registrar-General of England; The Secretary of Apothecaries' Hall; The Registrar-General of Ireland; Mr. T. M. Stone, London; The Registrar of the Medical Society of London; Mr. W. J. Harris, Worthing; Mr. E. C. Board, Bristol; Mr. A. J. E. Parkes, Easington; Mr. Wm. A. Kibbler, London; Our Manchester Correspondent; Mr. Milner Moore, Coventry; Dr. Samelson, Manchester; Mr. Holthouse, London; Dr. G. H. Page, Belfast; Mr. T. Vincent Jackson, Wolverhampton; Dr. Hill, Hooton; Dr. Ransome, Manchester; Our Dublin Correspondent; Mr. Lawson Tait, Birmingham; Dr. Percy Boulton, London; Mr. Spencer Watson, London; Mr. Eassie, Hendon; Mr. Armstrong, Scarborough; Sir John Rose Cormack, Paris; Dr. J. B. Sanderson, London; Mr. T. Eytton Jones, Wrexham; Mr. Sanger, Alfriston; Mr. H. R. Hitchcock, Seaford; Dr. Ramsay, London; etc.