

# Postgraduate Medical Journal

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The Fellowship of Postgraduate Medicine was founded by a group of London consultants after the First World War to assist postgraduates, particularly those coming to London from the Commonwealth, to pursue their studies. The Fellowship first published the *Postgraduate Medical Journal* to give infor-

mation about lectures, conferences and courses and to provide a monthly review of all branches of medicine.

**Postgraduate Medical Journal** publishes original papers on subjects of current clinical importance and welcomes review articles with extensive, up-to-date bibliographies as guides to further reading. Several symposia are published every year, each devoted to a single subject and written, by invitation, by specialists in different disciplines. Every issue includes authoritative Current Surveys of clinical problems, as well as well-documented Reports of cases of particular interest, Book Reviews and Postgraduate News.

A 'Notice to Contributors' is published on the inside back cover of this issue. The Editor reserves the right to make changes which may clarify or condense papers where this is considered desirable.

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## Books received

- Scoliosis.* By J. I. P. JAMES with additional chapters by P. A. ZORAB and RUTH WYNNE-DAVIES. Pp. vii + 248, illustrated. Edinburgh and London: E. & S. Livingstone. 1967. 55s.
- Ultrasonic Techniques in Biology and Medicine.* Edited by B. BROWN and D. GORDON. Pp. 264, illustrated. London: Iliffe Books. 1967. 85s.
- Methods in Psychopathology.* Edited by CLINTON C. BROWN. Pp. xi + 502, illustrated. Baltimore: Williams & Wilkins; Edinburgh and London: E. & S. Livingstone. 1967. £6 14s.
- Milestones in Midwifery.* By WALTER RADCLIFFE. Pp. 110, illustrated. Bristol: John Wright. 1967. 25s.
- Acute Barbiturate Poisoning. Treatment with modern methods of resuscitation.* By S. J. LOENNECKEN. Translated by B. & H. Hammer. Pp. ix + 78. 1967. 17s. 6d.
- Renal Neoplasia.* Edited by J. STANTON KING. Pp. 688, illustrated. Boston: Little, Brown; London: J. & A. Churchill. 1967. 130s.
- The Psychiatric Dilemma of Adolescence.* By J. F. MASTERSON. Pp. 217. Boston: Little, Brown, London: J. & A. Churchill. 1967. 65s.
- Postgraduate Medical Education. Retrospect and Prospect.* By J. REVANS and G. MCLACHLAN. Pp. 43, illustrated. Nuffield Provincial Hospitals Trust. 1967. 2s. 6d.
- Varicose Veins. Compression Sclerotherapy.* By G. FEGAN. Pp. 114, illustrated. London: William Heinemann Medical Books. 1967. 30s.
- Functional Gastrointestinal Disease.* By E. D. PALMER. Pp. 126. Baltimore: Williams & Wilkins; Edinburgh and London: E. & S. Livingstone. 1967. 62s.
- Post-gastrectomy Nutrition. A Glaxo Symposium.* Edited by D. M. KRIKLER. Chairman: F. Avery Jones. Pp. 148, illustrated. London: Lloyd Luke. 1967. 20s.
- The Balkan Nephropathy.* Edited by G. E. W. WOLSTENHOLME and J. KNIGHT. Ciba Foundation Study Group No. 30. Pp. 123, illustrated. London: J. & A. Churchill. 1967. 15s.
- Cell Differentiation.* Edited by A. V. S. DE REUCK and J. KNIGHT. Ciba Foundation Symposium. Pp. 257, illustrated. London: J. & A. Churchill. 1967. 60s.
- Health of Mankind.* Edited by G. E. W. WOLSTENHOLME and M. O'CONNOR. Ciba Foundation 100th symposium. Pp. 297, illustrated. London: J. & A. Churchill. 1967. 60s.

### New Editions

- Guide to Psychiatry.* By MYRE SIM. Second edition. Pp. xi + 1055. Edinburgh and London: E. & S. Livingstone 1967. 60s.

## Book reviews

### Psychiatry in the Practice of Medicine

By ALLEN J. ENELOW and MURRAY WEXLER. Oxford, London and Toronto: Oxford University Press. 1966. Pp. 355. 52s.

This text, aimed to help the general physician in his understanding of psychiatric disease and his handling of patients, is admirable. The descriptions of psychiatric illness are brief but clear and non-controversial. Aetiological considerations and general treatment procedures are presented equally briefly and fairly.

The main value of the book lies in the authors' clear discussion of the intricacies of communication with the patient and the importance of such processes for collecting information and for the beginnings of an understanding of the patient. Belonging themselves to a school of process-oriented psychotherapy, which is particularly concerned with sensitivity to and evaluation of all modalities of communication between people, they succeed through presenting a series of verbatim diagnostic and psychotherapeutic sessions, in presenting very clearly the skills, pitfalls and therapeutic value of such processes. However, physicians not experienced in this field should beware of the danger of not collecting sufficient information using just the authors' techniques. For the less expert it is often initially more profitable, in the reviewer's opinion, to collect an initial psychiatric history in a more systematic way.

The final 50 pages or so of the book are devoted to a worthwhile and instructive discussion about the various types of psychotherapy. This book is likely to prove instructive and clinically valuable to most physicians, including psychiatrists, who read it.

### Scoliosis. A manual of concept and treatment

By STANLEY HOPPENFELD. Pp. xi + 115, illustrated. Philadelphia and Toronto: J. B. Lippincott; London: Pitman Medical. 1967. 60s.

This is a worthwhile book about scoliosis. The author outlines the relevant anatomy and physiology and gives a clear account of the special pathology. He gives proper value to detailed and accurate physical examination in his assessment of the patient and he indicates exactly what X-rays are required and how to read them. He recounts in precise detail how to assess and manage the changes which scoliosis brings to heart and lung function. Treatment is described by grouping patients by age and type and severity of curve and indicating appropriate management for each.

The somewhat earnest prose style is lightened throughout by a series of lively and well-chosen illustrations; the style and flair of the line drawings in particular must be mentioned.

If there is a small reservation it must be that the entire process is made to look a little too easy. The chapter on treatment, split tidily into compartments, gives no warning of the continuing anxieties which assail the surgeon faced with the continuing management of a difficult scoliosis. Anyone who has read and absorbed this book may, perhaps, be entitled to claim that he knows the basic facts of scoliosis. Before commencing to treat it, however, he should seek training and experience of the quality so obviously obtained by the writer of this admirable book.

## Postgraduate news

### FELLOWSHIP OF POSTGRADUATE MEDICINE

The Fellowship usually holds the following courses each year (approximate dates and times in parentheses):

#### Medicine (M.R.C.P.)

**General Medicine.** Connaught, London Chest, Whipps Cross Hospitals (four weeks, twice yearly, April/May, October/November), St Stephen's Hospital (evenings, four weeks, twice yearly), Whittington Hospital (evenings, five weeks, twice yearly, May/June, October/November). Queen Mary's Hospital for the East End (weekend, twice yearly, June, December). Ashford Hospital, Middlesex (two Saturdays, twice yearly, May, November).

**Infectious Diseases.** Higher Green Hospital (weekend, twice yearly, March/November).

**Paediatrics (D.C.H.).** Princess Louise Kensington Hospital (weekend, twice yearly, March, September/October).

#### Surgery (F.R.C.S.)

**General Surgery.** Connaught Hospital (weekend, twice yearly, April, September/October). Queen Mary's Hospital for the East End (weekend, once yearly, February). Royal Marsden Hospital (twice yearly, March, September).

**General Surgery and Orthopaedics.** Fulham Hospital (three weeks, evenings, twice yearly, March/April, September/October).

**Orthopaedics.** Rowley Bristow Hospital, Pyrford (three alternate weekends, twice yearly, March/April, September/October).

**Plastic Surgery.** Queen Mary's Hospital, Roehampton (weekend, twice yearly, February, September).

**Clinical Attachments.** A limited number of clinical attachments in General Medicine will be available shortly at Bethnal Green Hospital for periods of up to 2 months, fee 4 guineas per week. Further details available from the secretary.

### CURRENT COURSES

**General Surgery (F.R.C.S.)** Royal Marsden Hospital. Starts 26 February for 8 weeks. Fee £18 18s.

**General Surgery (F.R.C.S.)** Queen Mary's Hospital for the East End. Weekend 2 and 3 March. Fee £4 4s.

**General Surgery (F.R.C.S.)** Connaught Hospital. Weekend 20 and 21 April. Fee £5 5s.

**Orthopaedic Surgery (F.R.C.S.)** Rowley Bristow Orthopaedic Hospital, Pyrford, Surrey. Three alternate weekends, 9 and 10 March, 23 and 24 March, 6 and 7 April. Fee £18 18s (full course), £14 14s (spectators).

**Paediatrics (D.C.H.)** Princess Louise Kensington. Weekend 24 and 25 February. Fee £5 5s.

*Please note that instruction arranged by the Fellowship of Postgraduate Medicine is open only to Associates (annual subscription, 21s). Detailed syllabuses are published approximately 4-6 weeks before courses begin and are circulated to all Associates. No entries to courses can be accepted in advance of the syllabus being published.*

*Information regarding courses can be obtained from the office between 10 a.m. and 5 p.m., Mondays to Fridays (Telephone 242-6900), or by writing to the Secretary, Fellowship of Postgraduate Medicine, 9 Great James Street, London, W.C.1.*

### THE COMMONWEALTH AND INTERNATIONAL MEDICAL ADVISORY BUREAUX

The Bureaux are maintained by the British Medical Association to provide a personal advisory service to doctors visiting the United Kingdom from all parts of the world. General information, as well as that on postgraduate education and accommodation is given.

*All enquiries should be addressed to the Medical Director Commonwealth and International Medical Advisory Bureaux British Medical Association, Tavistock Square, London, W.C.1.*

### CAMBRIDGE

#### Cambridge University Postgraduate Medical School

A summary of postgraduate facilities available at Addenbrooke's Hospital from October to July can be obtained from the Secretary of the Medical School. Arrangements can be made for practitioners to attend the practice of the Teaching Hospital Group for short or long periods.

#### Postgraduate Courses for General Practitioners

**At Cambridge:** A five-day course in Geriatrics will be held from 18 to 22 March 1968. Accommodation for a limited number attending will be provided in Pembroke College.

A 3-day course in Paediatrics will be held from 8 to 10 April 1968; accommodation will be provided in Fitzwilliam College.

One-day courses will be held at Addenbrooke's on Saturday 10 February: Orthopaedics, Saturday 2 March: Obstetrics and Gynaecology, Saturday 16 March: Paediatrics, Saturday 23 March: Eye Disorders.

Lunch time Forums, 1.15-2.15 p.m., preceded by buffet lunch, 12.30-1.15 p.m., are held at Addenbrooke's Hospital on the first and third Thursday of the month.

**At Ipswich:** at the Angelsea Road Wing, East Suffolk and Ipswich Hospital, Clinical Society Meetings will be held on the second Wednesday of the month at 8.30 p.m.

'Friday Club' Discussion Groups for General Practitioners take place on the first and third Fridays each month until 21 July between 1.45 and 2.45 p.m., preceded by buffet lunch.

**At Bury St. Edmunds:** Clinical Meetings, Lunch time forums, and Medical Film/Discussions are held regularly at the West Suffolk General Hospital. Detailed timetables may be obtained from the Clinical Tutor.

**At Norwich:** Details of the postgraduate education arrangements may be obtained from the Secretary, Norfolk and Norwich Institute for Medical Education, Norfolk and Norwich Hospital.

*A calendar of lectures, seminars and tutorials and further particulars may be obtained from the Secretary of the Medical School, Tennis Court Road, Cambridge.*

### LIVERPOOL

**University of Liverpool.** Courses are held in Anaesthesia, Child Health, Medicine, Obstetrics and Gynaecology, Orthopaedic Surgery, Otorhinolaryngology, Psychological Medicine, Public Health, Radiodiagnosis and Radiotherapy, Surgery, Tropical Medicine and Hygiene and Venereology. After fulfilling the regulations, candidates may become eligible to take the Degrees of Ch.M., M.Ch.Orth. and M.Ch.Otol., and the Liverpool Diplomas, D.P.H., D.P.M., D.T.M.& H., D.M.R.(D) or D.M.R.(T).

The other courses are designed for students working for the London Diplomas.

There is also a day-release course in the Basic Medical Sciences for junior hospital staff.

*Further information may be obtained from the Heads of the appropriate departments of the University, Liverpool 3.*

## OXFORD

**University of Oxford.** Enquiries about research and specialist training attachments may be addressed to the head of the relevant clinical or laboratory department in one of the teaching hospitals (United Oxford Hospitals, Nuffield Orthopaedic Centre, Warneford and Littlemore Hospitals) or to the Director of Postgraduate Medical Studies. Enquiries about study days and weekly classes at Oxford for M.R.C.P., F.R.C.S., M.R.C.O.G., F.F.A., D.P.M., D.M.R., candidates from the Oxford region, general practitioner refresher courses, resident obstetric and other clinical attachments, to the Director of Postgraduate Medical Studies, Osler House, 43 Woodstock Road, Oxford, from whom also information about the Medical Centres at Aylesbury, Kettering, Northampton, Reading, Swindon and Wycombe may be obtained.

## GLASGOW

**Surgery.** An intensive course of instruction in the basic sciences suitable for candidates preparing for the Primary Fellowship Examination in Surgery is held from October to December. A modified form of the course is available for candidates preparing for the D.A. or F.F.A. examinations. Fee £30.

**Anaesthetics.** A course for specialist anaesthetists and for those preparing for the final part of the F.F.A.R.C.S. will be held in May. Fee £10 10s.

**Medicine.** An intensive course on Recent Advances in Clinical Medicine suitable for candidates preparing for the Membership Examination is held twice annually for a fortnight in March and September. Fee £15 15s.

**Geriatrics.** A course for trainee specialists in Geriatric Medicine or General Practitioners in charge of geriatric beds in hospitals is held in May. Fee £7 10s.

**Child Health.** A formal course held in May and November for those preparing for the D.C.H. and M.R.C.P. with Child Health as a special subject. Fee £15 15s.

**Obstetrics.** An intensive week's course of instruction in obstetrics for those preparing for the D.Obst.R.C.O.G. held in September. Fee £7 10s.

**Mental Deficiency.** An intensive course in Mental Deficiency is held for 3 weeks in October. The course includes lectures and demonstrations in mental handicap and deficiency, instruction in mental testing and visits to institutions. Fee £18.

**Introduction to Psychiatry.** An intensive course providing a general introduction to psychiatry is held for 3 weeks in November. The course includes theoretical and clinical instruction in child psychiatry and psychology and adult psychiatry. It is particularly suitable for medical officers concerned with public health. Fee £18.

**Steroid Endocrinology.** A course for clinicians and hospital laboratory workers with special interest in Endocrinology and for those in general medicine who wish to have a better understanding of treatment with steroid hormones is held in April. Fee £15.

**Diagnostic Virology.** A course for experienced laboratory workers who wish to develop diagnostic virology for epidemiological purposes in this country and abroad is held in April. Fee £25.

**Histopathology of the Skin.** A course for pathologists and those with some training in pathology is held for 1 week in March. Fee £7 10s.

**Forensic Medicine.** A postgraduate course in the University Department of Forensic Medicine is held for 10 weeks from April to June. Fee £15.

**Clinical Attachments.** A scheme for clinical attachments in general medicine, general surgery and various specialities has been arranged to assist those working for higher qualifications. An attachment may be started at any time. No formal instruction is given, but participants can gain intensive clinical experience by following the day-to-day work of a unit in a Glasgow teaching hospital. Fee £5 per month. Registration fee £1 1s.

**Teaching Ward Rounds.** Each academic term a course of ten teaching ward rounds in Medicine is arranged. These occupy one afternoon a week. Fee £8 8s.

**Radiology.** A course in radiological interpretation for clinicians. Lecture demonstrations on alternate Tuesdays in conjunction with Teaching Ward Rounds. Fee £5 5s.

**Dermatology.** An intensive week's course in dermatology. Suitable for M.R.C.P. candidates. March. Fee £7 10s.

A week-end course in dermatology. May. Fee £3 3s.

**Research Techniques in Experimental Surgery and Anaesthesia.** A 2-day course giving an introduction to research techniques in Experimental Surgery and Anaesthesia. March. Fee £3 3s.

**Steroid Endocrinology.** A course for clinicians and hospital laboratory workers with a special interest in Endocrinology or for those in General Medicine who wish to have a better understanding of treatment with steroid hormones. April. Fee £15.

**Medical Ophthalmology.** An intensive weekend course on the ophthalmological aspects of general medicine. Suitable for M.R.C.P. candidates. May and October. Fee £5 5s.

## GENERAL PRACTITIONER COURSES

Two Refresher Courses for general practitioners are held annually – for a fortnight in May and September. Two-week postgraduate residencies are available continuously in maternity hospitals in the Western Region.

Clinical Attachments – continuous. Full-time or part-time attachments to hospital teaching units to enable General Practitioners to increase their experience and keep up to date with recent trends and advances. Fee £1 5s. per week for full-time attachment.

Extended Courses and 1-day course covering selected topics in general subjects or the specialities held in teaching hospitals in Glasgow and principal hospitals in other parts of the Western Region. Meetings are generally held on Sundays from October to May and are arranged by the West of Scotland Faculty of the College of General Practitioners from whom full details are available.

**Full-time Course.** The Board offers full-time postgraduate courses in Radiology (2 years) and Radiotherapy (2 years). The University offers full-time postgraduate courses leading to the following diplomas:

Diploma in Public Health (1 year)

Diploma in Clinical Psychology (2 years).

**Conferences.** Specialist conferences on various topics are held twice a year in the Hall of the Royal College of Physicians and Surgeons. In these, invited guests and local speakers discuss current topics and time is provided for audience participation. These conferences are designed particularly for consultants and registrars.

*Further information and application forms can be obtained from the Director of Postgraduate Medical Education, The University, Glasgow, W.2.*

**UNIVERSITY OF EXETER****Postgraduate Medical Institute**

A full-time postgraduate course lasting 10 weeks will begin on the 17 April 1968. These courses are held three times a year starting in October, January and April. They are intended to meet the needs of both overseas graduates and British medical practitioners. For overseas graduates they provide an introductory course to British Hospital Practice before proceeding to hospital posts in the National Health Service or to specialized instruction for a postgraduate diploma elsewhere. For British graduates they provide a refresher course which is suitable for those returning from overseas or from H.M. Forces, for married women graduates returning to active practice, or for general practitioners who are prepared to undertake extended postgraduate courses of this nature. It is sometimes possible to accept general practitioners for 1 or 2 weeks of a course and attendance for this period is recognized by the Ministry under Section 48 of the N.H.S. Act (1946).

Each course includes instruction in general medicine, paediatrics, preventive medicine, pathology, psychiatry, orthopaedics and general surgery. The programme is planned so that students wishing to specialize in a particular clinical subject are given facilities to do so, while other students receive teaching in each of the main clinical departments.

Unpaid clinical attachments can be arranged at the end of the course for students requiring a longer period of training.

*Further particulars and application forms for these courses are obtainable from the Director, Postgraduate Medical Institute, The University, Exeter, Devon.*

**NEWCASTLE UPON TYNE**

Courses of three to four sessions in various Medical and Surgical subjects on a weekly sessional basis during term-time. Suitable for those preparing for a higher qualification.

Clinical attachments, full-time or part-time, throughout the year.

Attachments of 1 or 2 weeks for general practitioners in General Medicine, Dermatology, Obstetrics, Paediatrics, Psychiatry, Geriatrics and other subjects by arrangement. Recognized under Section 48 of the N.H.S. Act.

*Further details from the Postgraduate Sub-Dean, Organization for Postgraduate Medical Education, The Medical School, The University, Newcastle upon Tyne.*

University courses for postgraduate diplomas. D.P.M. and D.P.H. *Further details from the Assistant Registrar, Medical School, The University, Newcastle upon Tyne.*

**THE ROYAL COLLEGE OF GENERAL PRACTITIONERS****Medical Recording Service**

Kitts Croft, Writtle, Chelmsford, Essex. (Tel. Writtle 316). Selection of titles available on tape (5 in. reels running at 3½ ips). These talks may be borrowed by any doctor anywhere in the world.

*New titles available on tape*

- 67-28 Vocational Training in General Practice—Dr George Swift 18 min.
- 67-30 Testing the Effectiveness of Teaching—Dr Suzette Gauvain 40 min. 44 slides
- 67-35 Haemolytic Anaemias—Professor A. Goldberg (From Gardiner Institute, Western Infirmary, Glasgow) 50 min. 59 slides.
- 67-31 Assumptions in Learning and Teaching—Mrs M. J. Abercrombie 52 min. 43 slides.
- 66-27 A New Look at Infant Feeding—Dr Ian G. Wickes 28 min. (Points of View Series)
- 67-25 Myeloproliferative Diseases—Dr S. M. Lewis 30 min. 29 slides.

# Postgraduate Medical Journal: Notice to Contributors

**Typescripts** (two complete copies) should be sent to the Editor, Dr A. A. G. Lewis, Postgraduate Medical Journal, 9 Great James Street, London, W.C.1. Papers should be typewritten on one side of the paper only, with a 1½ inch margin, and the lines should be double-spaced. In addition to the title of the paper there should be a 'running title' (for page headings) of not more than 45 letters (including spaces). The paper should bear the name of the author(s) with their degrees and descriptions and of the laboratory or research institute where the work has been carried out. The full postal address of the principal author should be given as a footnote. (The proofs will be sent to this author and address unless otherwise indicated).

**Arrangement.** Papers should normally be divided into: (a) Introduction; (b) Materials and methods; (c) Results, as concise as possible (both tables and figures illustrating the same data will rarely be permitted); (d) Discussion and conclusions; (e) Summary, brief, self-contained and embodying the main conclusions; (f) Acknowledgments; (g) References.

**References.** Only papers closely related to the author's work should be included, exhaustive lists should be avoided. References should be made by giving the author's surname, with the year of publication in parentheses. When reference is made to a work by three authors all names should be given when cited for the first time, and thereafter only the first name, adding *et al.*, e.g. Smith *et al.* (1958). The '*et al.*' form should always be used for works by four or more authors. If several papers by the same author and from the same year are cited, a, b, c, etc., should be put after the year of publication, e.g. Smith *et al.* (1958a). All references should be brought together at the end of the paper in alphabetical order. References to articles and papers should mention (a) name(s) of the author(s); (b) year of publication in parentheses; (c) title of paper; (d) title of journal, underlined, abbreviated according to *World Medical Periodicals* (3rd edn, World Medical Association); (e) volume number; number of first page of article. References to books and monographs should include (a) name(s) and initials of author(s) or editor(s); year of publication in parentheses; (b) title, underlined; (c) edition; (d) page referred to; (e) publisher; (f) place.

**Standard usage.** The *Concise Oxford English Dictionary* is used as a reference for all spelling and hyphenation. Verbs which contain the suffix *ize* (*ise*) and their derivatives should be spelt with the *z*. Statistics and measurements should always be given in figures, i.e. 10 min, 20 hr, 5 ml, except where the number begins the sentence. When the number does *not*

refer to a unit of measurement, it is spelt out except where the number is greater than one hundred.

**Abbreviations.** Abbreviations for some of the commoner units are given below. The abbreviation for the plural of a unit is the same as that for the singular unless confusion is likely to arise.

|                       |     |                            |                 |
|-----------------------|-----|----------------------------|-----------------|
| gram(s)               | g   | second(s)                  | sec             |
| kilogram(s)           | kg  | cubic millimetre(s)        | mm <sup>3</sup> |
| milligram(s)          |     | millimetre(s)              | mm              |
| (10 <sup>-3</sup> g)  | mg  | centimetre(s)              | cm              |
| microgram(s)          |     | millicurie(s)              | mCi             |
| (10 <sup>-6</sup> g)  | μg  | millilitre(s)              | ml              |
| nanogram(s)           |     | pound(s)                   | lb              |
| (10 <sup>-9</sup> g)  | ng  | milliequivalent            | mEq             |
| picogram(s)           |     |                            |                 |
| (10 <sup>-12</sup> g) | pg  | R <sub>F</sub> values      | R <sub>F</sub>  |
| hour(s)               | hr  |                            |                 |
| minute(s)             | min | gravitational acceleration | g               |
| micron(s)             | μ   | per cent                   | %               |

Example: mg/100 ml, for biochemical values; mEq/l

**Figures.** In the text these should be given Arabic numbers, e.g. Fig. 3. They should be marked on the backs with the name(s) of the author(s) and the title of the paper. Where there is any possible doubt as to the orientation of a figure the top should be marked with an arrow. Each figure must bear a reference corresponding to a similar number in the text. Photographs and photomicrographs should be unmounted glossy prints and should not be retouched. Line diagrams should be on separate sheets; they should be drawn with black Indian ink on white paper and should be about four times the area of the final reproduction. Lines and lettering should be of sufficient thickness and size to stand reduction to one-half or one-third. Letters and numbers must be written lightly in pencil. Whenever possible, the originals of line diagrams, prepared as described above, should be submitted and not photographs. The legends of all the figures should be typed together on a single sheet of paper headed 'Legends to Figures.'

**Tables.** There should be as few tables as possible and these should include only essential data; the data should not be crowded together. The main heading should be in capitals with an Arabic number, e.g. TABLE 2. Each table must have a caption in small letters. Vertical lines should not be used.

**Page proofs** will be submitted to the contributors for minor corrections and should be returned to the Editor within 3 days. Major alterations to the text cannot be accepted.

**Offprints.** These may be purchased if ordered on the form which will be sent to the senior author with the proofs.