

Postgraduate Medical Journal

EDITOR

B.I. Hoffbrand, *London*

EDITORIAL BOARD

P.J. Barnes, *London*
G.F. Batstone, *Salisbury*
C. Coles, *Southampton*
G.C. Cook, *London*
A.H. Crisp, *London*
P.N. Durrington, *Manchester*
J.C. Gingell, *Bristol*
T.E.J. Healy, *Manchester*
G.R.V. Hughes, *London*
D. Ingram, *London*
P.G.E. Kennedy, *Glasgow*
K.T. Khaw, *Cambridge*
L. Kreel, *London*
J.G. Lewis, *Edgware*

J.S. Malpas, *London*
R.I. McCallum, *Edinburgh*
P.J.A. Moulton, *London*
M.W.N. Nicholls, *London*
N.T.J. O'Connor, *Shrewsbury*
R.E. Pounder, *London*
M.C. Sheppard, *Birmingham*
D.R.J. Singer, *London*
I. Taylor, *Southampton*
P. Turner, *London*
J.A. Vale, *Birmingham*
P.D. Welsby, *Edinburgh*
W.F. Whimster, *London*

National Association of Clinical Tutors Representatives

I.J.T. Davies, *Inverness*

R.D. Abernethy, *Barnstaple*

International Editorial Representatives

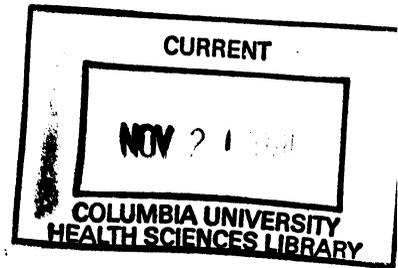
G.J. Schapel, *Australia*
P. Tugwell, *Canada*
J.W.F. Elte, *The Netherlands*
E.S. Mayer, *USA*
F.F. Fenech, *Malta*
B.M. Hegde, *India*
C.S. Cockram, *Hong Kong*

Editorial Assistant

Mrs J.M. Coops

Volume 67, Number 792

October 1991



The **Postgraduate Medical Journal** is published monthly on behalf of the Fellowship of Postgraduate Medicine by the Scientific & Medical Division, Macmillan Press Ltd.

Postgraduate Medical Journal publishes original papers on subjects of current clinical importance. Each issue contains commissioned review and leading articles but unsolicited submissions are also welcome. Each issue also includes 'Letters to the Editor', book reviews and an international postgraduate diary. Many issues contain papers or abstracts of symposia devoted to a single subject, and the full proceedings of meetings are published as supplements to the *Journal*. The *Journal*, as the organ of the Fellowship of Postgraduate Medicine, is dedicated to advancing the understanding and practice of postgraduate medical education and training.

The **Fellowship of Postgraduate Medicine** was founded after the First World War and was a pioneer in the United Kingdom in the development of programmes of postgraduate study in all branches of medicine (see *Postgrad Med J* 61, 1). It always has been, and remains, independent of University, Health Service and Government. Currently the Fellowship works closely with the National Association of Clinical Tutors in furthering mutual aims. Amongst other activities, the Fellowship provides research grants and support for young investigators especially those working temporarily in the UK.

Further details of the Fellowship of Postgraduate Medicine can be obtained from The Executive Secretary, The Fellowship of Postgraduate Medicine, 6 St Andrew's Place, London NW1 4LB.

The Journal is covered by *Current Contents*, *Biological Abstracts*, *ASCA*, *ISI/BIOMED*, *Index Medicus*, *Excerpta Medica* and *Science Citation Index*.

© 1991 The Fellowship of Postgraduate Medicine
ISSN 0032-5473

Manuscripts and all editorial correspondence, including books for review should be sent to:

The Editor, Postgraduate Medical Journal,
6 St Andrew's Place, London NW1 4LB, UK.
Tel: 071-935 5556, Fax: 071-224 3219.

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

All business correspondence, and reprint requests should be addressed to the Scientific & Medical Division, Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS.
Telephone: (0256) 29242; Fax: (0256) 810526

Subscription price per volume of twelve issues EEC £107.00; Rest of the World £118.00 or equivalent in any other currency. Orders must be accompanied by remittance. Cheques should be made payable to *Macmillan Press*, and sent to: the Subscription Department, Macmillan Press Ltd, Brunel Road, Houndmills, Basingstoke, Hampshire RG21 2XS, UK. Where appropriate, subscribers may make payments into UK Post Office Giro Account No. 519 2455. Full details must accompany payments.

Enquiries concerning advertising space or rates should be addressed to: Michael Rowley, Advertisement Manager, Macmillan Press Ltd, 4 Little Essex Street, London WC2R 3LF.
Telephone: 071 836 6633; Fax: 071 379 4204.

All rights of reproduction are reserved in respect of all papers, articles, illustrations, etc. published in this journal in all countries of the world.

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by The Fellowship of Postgraduate Medicine for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$3.50 per copy is paid directly to CCC, 21 Congress St., Salem, MA 01970, USA. 0032-5473/91 \$3.50 + \$0.00

Typeset by Elite Typesetting Techniques, Southampton

Printed in Great Britain by Latimer Trend

Whilst every effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinion or statement appears in this Journal, they wish to make it clear that the data and opinions appearing in the articles and advertisements herein are the responsibility of the contributor or advertiser concerned. Accordingly, the publishers and The Fellowship, the editorial committee and their respective employees, officers and agents accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement. Whilst every effort is made to ensure that drug doses and other quantities are presented accurately, readers are advised that new methods and techniques involving drug usage, and described within this Journal, should only be followed in conjunction with the drug manufacturer's own published literature.

Postgraduate News and Views

Clinical tutors and surgical tutors

Mr K.M. Pagliero, FRCS, Chairman of the National Association of Clinical Tutors writes:

Nearly 30 years ago the Christ Church Conference was held to discuss postgraduate training and continuing medical education in Britain. Resulting from this came the network of regional postgraduate deans, district clinical tutors, and postgraduate medical centres, that we know today. This process has served every doctor, whatever specialty, whether in hospital or in the community. Over this period the educational process has developed to give more comprehensive curricula, closer supervision of trainees with monitoring, counselling, and careers advice for junior staff in training.

It became obvious that clinical tutors could not embrace the task alone and individual colleges appreciated the need for a similar network of district college tutors, responsible to the regional advisers, to serve the educational needs of trainees within their specialty.

Although college tutors and clinical tutors share the common aim of promoting training and education, neither is superfluous to need. Their respective remits vary in two ways.

In the first case college tutors are responsible to their College, which not only has an educational responsibility but also a broad remit to include manpower, accreditation of training programmes, and maintenance of professional and ethical standards for the specialty.

Clinical tutors, on the other hand, are responsible to Universities through their Postgraduate Dean and their duties are polarized towards educational interests. The National Association of Clinical Tutors was formed just over 20 years ago and promoted the development of more general educational issues, such as careers and stress counselling, training the trainers, educational aspects of audit, management of change, and the development of postgraduate centres, their libraries and staff. This process has been hampered by the part-time nature of the post, but this has recently been addressed by the Department of Health which is well on with its negotiations to provide sessional contracts for clinical tutors and has funded an Open University distance training package for clinical tutors.

In the second case the remit of clinical and college tutors is dovetailed to embrace the spectrum of junior staff. At the one end the pre-registration house officer is the direct responsibility of the Postgraduate Dean, who, with his clinical tutors, monitors this training period by counselling the trainees and assessing the training posts and who are given the power of accreditation or in rare instances withdrawal of posts. At the other end of the

spectrum, registrars and senior registrars are clearly the responsibility of the college, who, with the help of the regional specialist training committee, will see this final stage of training through to specialty accreditation. In most cases the clinical tutor will not become involved, but is always available for advice.

Between these two ends of the spectrum is the vexed senior house officer (SHO) grade, which presents a variety of problems. Since *Achieving a Balance*,¹ three sorts of SHOs have emerged. Firstly, there are juniors who as yet have not made a career choice and are moving from post to post, increasing their exposure and training until such time as they have made their selection. Clearly, no one college can be responsible for this undecided group and these trainees will turn to their clinical tutors for careers advice and the chance to discuss their concerns and worries.

Secondly, there are SHOs who have made a clear career choice and are engaged in a specialty SHO rotation and these are clearly becoming the responsibility of the college tutor. Nevertheless this is still a vulnerable group of young doctors who may have uncertainties that their career choice was right and who may still have concerns about the future. It is from this group that the majority of 'stuck' doctors will emerge and it is important that the postgraduate dean/clinical tutor network takes on the important responsibility of monitoring them especially to counsel individuals identified as being in trouble by the college tutor and those who seem to be remaining too long in the SHO grade.

The final group of SHOs is of those that achieved their higher specialist examination and are performing registrar duties but hoping to be appointed to a career position. Clearly these doctors need no careers advice, but they still could get 'stuck', and the length of stay in that grade should be closely monitored.

There is therefore an important shared relationship for SHOs by both college and clinical tutors. There is, in addition, a shared responsibility of course towards district educational matters of mutual interest, such as the management and development of the postgraduate medical centre, the library, audit, inter-disciplinary meetings on subjects such as antibiotics, ethics, AIDS, etc. which should be discussed and developed in a mutual forum. In most districts this is achieved through the district medical education committee which comprises mostly college tutors but also other interested persons and is chaired by the clinical tutor.

It is very pleasing to see the development of clinical and college tutors over the past few years and it is to be hoped that it will provide a 'safety net' for junior staff which will assure appropriately placed and well trained specialists for the future.

Reference

1. UK Health Departments Joint Consultants Committee and Chairmen of Regional Health Authorities. *Hospital Medical Staffing: Achieving a Balance*. DHSS, London, 1986.

Based on a paper given at Royal College of Surgeons of England Conference in June 1991.

Postgraduate Diary

Institute of Cancer Research

Regular programme of seminars and teaching sessions throughout the year.

Information: The Dean, Institute of Cancer Research, Haddow Laboratories, 15 Cotswold Road, Belmont, Surrey SM2 5NG, UK.

National Heart and Lung Institute

Courses leading to award of University Diplomas in Cardiology and Thoracic Medicine. Short Courses, meetings and symposia are held throughout the year.

Postgraduate Office, National Heart and Lung Institute, Dovehouse Street, London SW3 6LY. Tel: 071-351 8172.

Institute of Child Health

Short courses booklet available.

For further details please apply to: Anne Crowley, Short Courses Office (Room 6), Institute of Child Health, 30 Guilford Street, London WC1N 1EH. Tel: 071-829 8692 (direct).

Institute of Dental Surgery

Courses for M.Sc. in various aspects of dentistry, Diploma in Dental Public Health, basic medical sciences, etc.

Information: The Dean, Institute of Dental Surgery, Eastman Dental Hospital, Gray's Inn Road, London WC1X 8LD, UK.

Hunterian Institute

Long and short courses in basic medical sciences for primary FRCS (including revision courses in Anatomy/Physiology/Pathology), Primary FDS, FFA part 2 held through the year.

Courses in Clinical Surgery for final FRCS held in Spring and Autumn. Anastomosis Workshop; AO course of fracture treatment.

Details and applications: The Hunterian Institute, Royal College of Surgeons, Lincoln's Inn Fields, London WC2A 3PN. Tel: 071-405 3474.

Institute of Laryngology and Otolaryngology

Pre-FRCS and DLO exam courses. Advanced courses on: Temporal bone surgery – November and June. Anaesthesia for ENT – October. Rhinology and Surgery of the Nasal Cavity and Paranasal Sinuses – October. Nasal Plastic and Facial Soft Tissue Surgery – February. Pathology of the Ear, Nose and Throat – June.

Applications and enquiries: Cheryl Overington, Secretary to the Dean, Institute of Laryngology and Otolaryngology, 330/332 Gray's Inn Road, London WC1X 8EE.

Institute of Neurology

Sandoz Foundation advanced lectures on clinical and experimental neurology. Each Wednesday evening throughout academic year.

Details: Institute Registrar, National Hospital, Queen Square, London WC1N 3BG, UK.

RPMS Institute of Obstetrics and Gynaecology

Perinatal bereavement – 29th October 1991

Course in Obstetric Anaesthesia and Analgesia 12–14 November 1991.

Details of symposia from: Symposium Secretary, RPMS Institute of Obstetrics and Gynaecology, Queen Charlotte's Hospital for Women, Goldhawk Road, London W6 0XG, UK.

Institute of Ophthalmology

Regular courses in ophthalmology held throughout the year.

17/25 Cayton Street, London EC1 9AT, UK.

Institute of Orthopaedics

Professional Unit Pre-Operative Conferences – Mondays 11.00 a.m. at Middlesex Hospital and Thursdays 9.30 a.m. at Stanmore.

Professorial Unit Residents' Seminars/Conferences – Thursdays 8.00 a.m. at Stanmore.

Course on disorders of the knee – September to December 1991.

Details: Miss A.M. Lucas, Postgraduate Secretary, Institute of Orthopaedics, The Middlesex Hospital, London W1. Tel: 071-380 9418.

Institute of Psychiatry

Programme of courses and lectures.

Community care for elderly people with dementia – psychosocial issues. 18 November 1991.

BMDP PC for multivariate analysis 10–12 December 1991.

International Symposium: Neuroimaging in Psychiatry – 3/4 February 1992.

Details: Mrs Leo Wilding, Conference Office, Institute of Psychiatry, De Crespigny Park, London SE5 8AG. Tel: 071-703 5411 ext 3170.

Institute of Urology

Short courses on aspects of urology and nephrology – throughout the year.

One year Diploma courses in urology and nephrology commencing September each year.

Advanced stone management course – held twice yearly.

Applications and enquiries: The Dean, Institute of Urology, 172–176 Shaftesbury Avenue, London WC2H 8JE, UK.

Royal Postgraduate Medical School

Regular courses on advanced topics.

School Office, Royal Postgraduate Medical School, Hammersmith Hospital, Du Cane Road, London W12 0HS, UK.

Royal Free Hospital School of Medicine

MRCP Part II. 5-day course for clinical examination. Monday 14 October to Friday 18 October 1991.

Monday 10 February to Friday 14 February 1992.

Details from: Dr Geraint James, Visiting Professor of Medicine, The Royal Free Hospital School of Medicine, Pond Street, Hampstead, London NW3 2QG. Tel: 071 794 0500 ext 3931.

Birmingham Polytechnic

Course on helping children with serious illnesses, leading to Advanced Certificate in Paediatric Physiotherapy.
Information from: Department of Health Sciences, Faculty of Health and Social Sciences, Birmingham Polytechnic, Perry Barr, Birmingham B42 2SU.

Royal Society of Medicine

Forum on Clinical Pharmacology & Therapeutics. "Doctors, Drugs and Pharmacists".
 Royal Society of Medicine, 24 October 1991.
Details: Nicole Aaron, Forums Executive, Royal Society of Medicine, 1 Wimpole Street, London W1M 8AE.

Third International Conference on Systemic Lupus Erythematosus

Queen Elizabeth II Conference Centre, London, UK.
 13 – 15 April 1992.
Details: Industrial Seminars, 90 Calverley Road, Tunbridge Wells, Kent TN1 2UN, UK.

University of Michigan Medical School

Fiberoptics Workshop for the Difficult Airway 8 – 11 March, 1992.
 Red Lion's La Posada Resort, Scottsdale, Arizona.
Details: Angela Voeller, Towsley Center for Continuing Medical Education, Department of Post Graduate Medicine, The University of Michigan Medical School, PO Box 1157, Ann Arbor, Michigan 48106-9869, USA.

ACT '91 Conference

Teamcare towards 2000. Care beyond the contract.
Information: Mrs Teresa Bahu, ACT '91 Conference, Radcliffe Infirmary, Woodstock Road, Oxford OX2 6HE.

Royal Society of Health

Conferences;
 Working for Patients – 1st November 1991.
 Accidents in the home – 26th November 1991.
 Risks, dignity and responsibility in residential homes – 5th December 1991.
Information: Conference Department, The Royal Society of Health, 38a St George's Drive, London SW1V 4BH.

The Fellowship of Engineering and The Royal Society of Health

Conference 'Improving patient care: the biomedical engineering challenge' – 28th November 1991 at King's Find Centre, London NW1.
Details: Christa Langan, The Fellowship of Engineering, 2 Little Smith Street, London SW1P 3DL.

Techniques and Applications of Molecular Biology

A course of medical practitioners.
 10–13 December 1991. University of Warwick.
Details: Dr Rachel Strachan, Department of Biologicciences, University of Warwick, Coventry CV4 7AL.

MSD Foundation – Tutorship Courses

These are designed for general practitioners who are prepared to examine the role and tasks of postgraduate medical education in times of change.
 The next course will be held at the Marina Posthouse Hotel, Hull on 27–29 November 1991.
Details: The MSD Foundation, 5 Arden Crescent, London E14 9WA.

London School of Hygiene and Tropical Medicine

MSc, diploma and research degree courses in public health and tropical medicine.
Enquiries: The Registrar, LSHTM, Keppel Street, London WC1E 7HT.

Dermatology 2000

Vienna 18–21 May 1993.
Details: Dermatology 2000 Vienna, CCT Presentations Ltd, 50–62 Union Street, London SE1 1TD, UK.

Sixth International Conference on Behcet's Disease

To be held in Paris, France, June 30 to July 1, 1993
Information: B. Wechsler, M.D., Pitié-Salpêtrière Hospital, 47/83 Bd de l'Hôpital, 75014 Paris Cedex 13, France.

National Association of Clinical Tutors

The Association assists clinical tutors in their role as leaders in district medical education. Membership is open to University-appointed clinical and GP tutors. The Association arranges courses for the training and continuing professional development of clinical tutors and holds Winter and Summer Meetings for all members.
 Counselling course – 17/18 October 1991, Newbury, Berks.
 Winter Meeting – 31 October–2 November 1991 – Belfast.
 'How to be an effective Clinical Tutor' – 5/6 December 1991, Bristol.
 Counselling Course – 12/13 March 1992, Stoke Rochford, Lincs.
 Summer Meeting – May 1992 – Bangor, N. Wales.
Information about the NACT and its activities can be obtained from The Secretariat, National Association of Clinical Tutors, 6 St Andrew's Place, London NW1 4LB. Tel: 071 935 5556.

News

The President of the Fellowship of Postgraduate Medicine, Professor Paul Turner, conveyed good wishes from the Fellowship to the annual meeting of the Society of Internal Medicine of the Republic of China in Taipei, Taiwan, on June 22 – 23, 1991.

Medical Education and Training in Europe: the future *Preliminary Announcement*

October 1st/2nd 1992 at the Royal College of Physicians, 11 St Andrew's Place, London NW1 4LE (by kind permission of the Treasurer).

'Medical Education and Quality of Medical Care in Europe: Aims and Objectives for the Future'. A major international congress bringing together the leaders of medical education and health care in Europe. The programme is designed to examine critically the political and educational implications in medical training in Europe following harmonisation in 1992.

Sessions will include presentations and discussion on:

1. Directives for health professionals;
2. Harmonisation of hospital training programmes;
3. Monospeciality initiatives;
4. Training and quality of care initiatives;
5. Educational research and development (including primary care); and
6. Recommendations and implementation.

Speakers will be invited from all European Commission countries. The conference language will be English.

The programme will include opportunity for free discussion following the formal presentations.

If you are interested in receiving further information on the meeting and on registration, please communicate with: Dr M.W.N. Nicholls, Chairman - Organising Committee, Fellowship of Postgraduate Medicine, 6 St Andrew's Place, London NW1 4LB. Tel: (44) 071 935 5556. Fax: (44) 071 224 3219.

EUROPEAN DOCTORS IN LONDON

European Medical Research Group

Fellowship of Postgraduate Medicine

The European Medical Research Group has been formed by Young AEMIE (European Association of Internal Medicine) with the support of the Fellowship of Postgraduate Medicine, to provide a meeting place for professional and social contact among physicians in training, particularly those from continental Europe. Regular meetings are held at the Medical Society of London. An invited lecture is given, preceded by poster presentations and followed by a buffet supper.

Members of the Group are mailed regularly about the meetings.

Date of next meeting: Tuesday 26 November 1991.

European research fellows and other visiting doctors who would like details of these meetings should write to:

**Dr D.R.J. Singer, c/o The Fellowship of Postgraduate Medicine,
6 St Andrew's Place, London NW1 4LB. Tel: 071 935 5556**

NACT Training Package

This is an open learning study pack which aims to improve the teaching skills of clinical tutors and other tutors. Topics covered include junior doctors' educational skills and their provision, the funding and management of resources, managing change, and the operation of postgraduate centres. The development of the package was funded by the Department of Health and produced with the help of the Open University and the Joint Centre for Educational Research and Development in Medicine.

Further information about the NACT Training Package, which costs £50 including postage, can be obtained from the Secretariat, NACT, 6 St Andrew's Place, London NW1 4LB (Tel. 071 935 5556)

Notice to Contributors

The *Postgraduate Medical Journal* considers manuscripts prepared in accordance with the guidelines laid down by the International Committee of Medical Journal Editors (*Br Med J* 1988, **296**: 401–405). All material submitted is assumed to be submitted exclusively to the *Postgraduate Medical Journal* unless the contrary is stated.

Typescripts Two complete copies should be sent to the Editor, *Postgraduate Medical Journal*, 6 St Andrew's Place, London NW1 4LB. Papers must be typewritten, double-spaced, on one side of paper not larger than A4 (297 mm × 210 mm), with a 5 cm margin. The first page of the typescript should bear the names of the author(s) and the name and address of the laboratory or institution where the work has been carried out, in addition to the title of the paper. The full address and fax number of the principal author to whom proofs will be sent should be given as a footnote, as should any permanent changes of address and/or appointment. A short (running) title of not more than 45 characters should be given. All pages should be numbered including the title page. In line with many other journals, we do not normally return rejected manuscripts.

The principal author must ensure that any co-authors listed agree to submission of the typescript. Any written or illustrative material which has been or will be published elsewhere must be duly acknowledged and accompanied by the written consent of the authors and publishers concerned.

Arrangement Papers should be divided into: (a) Title page, (b) Summary, (c) Introduction, (d) Materials and methods, (e) Results, (f) Discussion, (g) Acknowledgements, (h) References, (i) Tables, (j) Figures and captions. The summary should not exceed 250 words and should state concisely what was done, the main findings and how the work was interpreted. In all sections of the paper numbered paragraphs should be avoided if at all possible.

Style Abbreviations and symbols must be standard and SI units used throughout. Acronyms should be used sparingly and must be fully explained when first used. Whenever possible drugs should be given their approved generic name. Where a proprietary (brand) name must be used, it should begin with a capital letter. Statistical analyses must explain the methods used. The use of footnotes is not permitted. Single quotation marks should be used and words to be italicized should be underlined. The *Concise Oxford English Dictionary* is used as a reference for all spelling and hyphenation.

References should follow the Vancouver format. In the text, they should appear as numbers starting at 1. At the end of the paper they should be listed (double-spaced) in numerical order corresponding to the order of citation in the text. All authors should be quoted for papers with up to six authors; for papers with more than six authors, the first three only should be quoted followed by *et al.* Abbreviations for titles of medical periodicals should conform to those used in the latest

edition of *Index Medicus*. The first and last page numbers for each reference should be provided. Abstracts and letters must be identified as such.

1. Clements, R. & Gravelle, I.H. Radiological appearances of hydatid disease in Wales. *Postgrad Med J* 1986, **62**: 167–173.
2. Greenberger, J.S. Long-term hematopoietic cultures. In: Golde, W. (ed) *Hematopoiesis*. Churchill-Livingstone, New York, 1984, pp 203–242.

Figures In the text Arabic numbers should be used and all illustrations should be specifically referred to in the text, e.g. (Figure 2). All illustrations should be submitted at about 1½ times the intended final size and should be numbered as figures whether they are photographs, representational drawings or line diagrams and graphs.

Photographs and photomicrographs should be unmounted glossy prints and should not be retouched, and should be chosen to exclude technical artefacts. Magnification is best indicated by a line representing a defined length included within the photographs. Areas of key interest and/or critical reproduction should be indicated on a flimsy overlay attached to the photograph or on a photocopy. All annotations and lettering should be indicated in the same way, and preferably not included on the original print. Clearly contrasted and focused prints are essential for adequate reproduction.

Line diagrams and graphs should be on separate sheets; they must be drawn with black Indian ink on white paper, or supplied as photographic prints of such originals. Lettering on figures should be minimal and must not duplicate the legend. The use of symbols should be consistent within papers, and explanations of symbols should be included in the caption, not on the figure.

A photocopy of all illustrations should be submitted.

Tables These should be as few as possible and should present only essential data. They should be typewritten on separate sheets, have a title or caption, and given Roman numbers.

Proofs Two marked copies of the proofs will be sent to the principal author which should be read carefully for errors. One corrected copy must be returned to the editor within 3 days. Major alterations to the text cannot be accepted.

Copyright assignment The principal author must complete and return to the Publisher the Copyright Assignment Form enclosed with the proofs.

Offprints Twenty-five offprints will be supplied free of charge to the principal author. Additional offprints may be ordered on the form accompanying proofs. The charges are necessarily higher if orders are received after the issue has gone to press.

Drug side effects Manuscripts reporting adverse drug reactions should be accompanied by evidence showing that the reaction has been reported on a 'yellow card' or to the appropriate drug licensing authority, and to the drug manufacturer.