

Postgraduate Medical Journal

EDITORIAL BOARD

B.I. Hoffbrand

Editor

D. Barltrop
D.G. Beevers
I. Chanarin
D.J. Coltart
A.H. Crisp
I.J.T. Davies
C.D.M. Drew
H. Ellis
R. Goulding

R.B. Heath
J.P. Hopewell
G.R.V. Hughes
D. Ingram
D.G. James
R.S. Kocen
L. Kreel
J.G. Lewis
J.S. Malpas

P.J.A. Moulton
A. Paton
M.J. Peckham
R.E. Pounder
D.R.J. Singer
P. Turner
R.G. Twycross
P.D. Welsby

International Editorial Representatives

G.J. Schapel, *Australia*

P. Tugwell, *Canada*

J.W.F. Elte, *The Netherlands*

M. Moser, *USA*

Editorial Assistant

Mrs. J.M. Coops

Volume 64, Number 749

March 1988

SCIENTIFIC
& MEDICAL

M

MACMILLAN
PRESS LTD

The **Postgraduate Medical Journal** is published monthly on behalf of the Fellowship of Postgraduate Medicine by the Scientific & Medical Division, The Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS, UK.

Telephone: Basingstoke (0256) 29242

Telex: 858493. Fax (0256) 479476

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 each year, each devoted to a single subject and written by specialists in different disciplines. Most issues include authoritative current surveys of clinical problems, well documented reports of cases of particular interest, and book reviews. An international Postgraduate Diary is also included each month.

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

© 1988 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. Telephone: 01-935 5556.

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

All business correspondence, reprint requests and enquiries concerning advertising space and rates should be addressed to the Scientific & Medical Division, The Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire RG21 2XS.

Subscription price per volume of twelve issues: UK £85.00; Rest of the World £105.00 or equivalent in any other currency. Orders must be accompanied by remittance. Cheques should be made payable to *Macmillan Journals*, and sent to: The Macmillan Press Ltd, PO Box 500, Leicester LE99 0AA, UK. Where appropriate, subscribers may make payments into UK Post Office Giro Account No. 519 2455. Full details must accompany payments.

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 \$01.00 per copy, plus \$0.10 per page is paid directly to CCC, 27 Congress St., Salem, MA 01970, USA.
0032-5473/88 \$1.00 + \$0.10

Publisher: Alex Williamson

Production and Editorial Services Manager: Nigel McNeil-Smith

Circulation Services: A.L. Clark

Printed in Great Britain by Bell and Bain Ltd, Glasgow

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.

fetal pancreas grafting which is theoretically more attractive since no major operation is involved, but where there are still many ill understood causes of failure. Despite considerable success in many animal models no patient has been clearly shown to have benefited from an islet or fetal pancreas graft. Gray and Morris point out that it took fifty years for experimental kidney transplantation to become therapeutically viable and therefore one should not despair of islet and fetal grafts eventually becoming clinically viable.

The next chapter is a very contentious subject, a discussion of the pros and cons of prior blood transfusion in organ transplantation. Data presented by Opelz suggests to him that even with powerful immunosuppression with cyclosporin, the blood transfusion effect is still valuable and worthwhile despite the disadvantage of some patients becoming sensitised, but more recent analysis by Opelz presented at the International Transplantation Society Meeting in Helsinki in 1986 fails to show any blood transfusion effect!

The next chapter is on experimental small bowel transplantation where there has been considerable success in rodents but it has been more difficult in large animals to get successful grafts. There is definitely a clinical need for small bowel transplantation in patients maintained on parenteral nutrition due to lack of functional small intestine.

The last chapter by Sheil and Kelly from Australia describes the skin changes that occur in immunosuppressed patients and especially the premalignant and malignant transformations that seem to be especially susceptible to sunlight.

The book can be recommended to all those working in the field of organ transplantation. It is well produced and easy to read. I hope that the series will continue.

Professor Sir Roy Calne
Addenbrooke's Hospital,
Hills Road,
Cambridge CB2 2QQ.

Books Received

ABC of Aids, edited by M.W. Adler. Pp. 57, illustrated. British Medical Journal, London, 1987. £9.95.

ABC of Hypertension, edited by D.G. Beevers. Pp. 52, illustrated. British Medical Journal, London, 1987, £4.95.

Bailliere's Clinical Tropical Medicine and Communicable Diseases, edited by A.O. Osoba. Pp. x+248, illustrated. Bailliere Tindall, London, Philadelphia, Toronto, Sydney, Tokyo, 1987. £17.50.

The Chiroprapist: a specialist in the medical team. Pp. 24, illustrated. Obtainable from The Society of Chiroprapists, 53 Welbeck Street, London W1M 7HE, 1987.

Clinical Microbiology (sixth edition), by E.J. Stokes & G.L. Ridgway. Pp. xi+338, illustrated. Edward Arnold, London, 1987. £19.50.

The Management of Motor Neurone Disease, edited by G.M. Cochrane. Pp. 104, illustrated. Churchill Livingstone, Edinburgh, London, Melbourne, New York, 1987. £4.95.

Multiple Sclerosis, Bernie O'Brien. Pp. 64, illustrated. Office of Health Economics, London, 1987. £1.

The Pathogenesis of Infectious Disease, edited by C.A. Mims. Pp. xi+342, illustrated. Academic Press, London, 1987. £30.00.

Rehabilitation in Rheumatology: the team approach, Anthony Clarke, Louise Allard and B. Braybrooks. Pp. 320, illustrated. Martin Dunitz, London, 1987. £19.95.

Systemic Inflammatory Disease and the Eye, by W.J. Dinning. Pp. xii+247, illustrated. Butterworth Scientific, Guildford, 1987. £30.00.

Uveitis - a Colour Manual of Diagnosis and Treatment, J.J. Kanski. Pp. 114, illustrated. Butterworths, London, Boston, Durban, Singapore, Sydney, Toronto, Wellington, 1987. £29.50.

Postgraduate Diary

British Postgraduate Medical Federation

Educational development courses – programme of courses and workshops

Central Office, 33 Millman Street, London WC1N 3EJ, UK.

Institute of Cancer Research

Regular programme of seminars and teaching sessions throughout the year. Courses for DMRT (overseas students), FRCR etc.

Information: The Dean, Institute of Cancer Research, D Block, Clifton Avenue, Sutton, Surrey SM2 5PX, UK.

Cardiothoracic Institute

Courses leading to award of diplomas in cardiac medicine and thoracic medicine. Short courses, meetings and symposia held throughout the year.

Postgraduate Office, Cardiothoracic Institute, Fulham Road, London SW3 6HP.

Institute of Child Health

Courses, meetings and symposia held throughout the year
The Dean's Office, Institute of Child Health, 30 Guilford Street, London WC1 1EH, UK.

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

Courses in basic medical sciences for Primary FRCS and FFA part 2; in Anatomy Physiology and Pathology for Primary FRCS; in basic dental sciences for Primary FDS

Course in Clinical surgery for Final FRCS

Anastomosis Workshop: AO course

The Hunterian Institute, Royal College of Surgeons, Lincoln's Inn Fields, London WC2A 3PN, UK.

Institute of Laryngology and Otolaryngology

Advanced courses held throughout the year

Temporal bone surgery, 6-13 June 1988 and 10-17 June 1988

Pathology of the ear, nose and throat, 15-17 June 1988

Applications and enquiries to the Dean, Institute of Laryngology and Otolaryngology, 330/336 Gray's Inn Road, London WC1 8EE, UK.

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.

Institute of Obstetrics and Gynaecology

Regular symposia and courses throughout the year

Details: The Secretary, Institute of Obstetrics and Gynaecology, Queen Charlotte's Maternity Hospital, Goldhawk Road, London W6 0XG, UK.

Institute of Ophthalmology

Diabetic eye day for physicians, 12 May 1988

Regular courses in ophthalmology held throughout the year

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

Institute of Orthopaedics

Radiodiagnosis demonstrations – Mondays at 5.00 p.m. during the academic year

Applications and enquiries to Professor of Orthopaedic Surgery, Jules Thorn Building, The Middlesex Hospital, Mortimer Street, London W1P 7PN, UK.

Institute of Psychiatry

Programme of courses available

The Dean's Office, Institute of Psychiatry, De Crespigny Park, London SE5 8AF, UK.

Institute of Urology

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

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.

St Thomas' Hospital

MRCP Part II (Paediatric) course aimed at both written and clinical part of examination, 30 April to 6 May 1988 – 7 day continuous course.

GP Paediatric Refresher weekend course, 30 April to 1 May 1988.

Details: Secretary to Professor Scopes, Paediatric Unit, St Thomas' Hospital, Lambeth Road, London SE1 7EH. 01-928-9292 ext 2146.

University of Manchester

M.A. in Health Care Ethics

Details: Mrs S. Ibbotson, Department of Education, University of Manchester, Oxford Road, Manchester M13 9PL, UK.

International Union Against Cancer

Details of fellowship programmes from: 3 rue du Conseil-Général, 1205 Geneva, Switzerland.

Liverpool, Newsham General Hospital

Lunchtime meetings twice monthly

Secretary, Postgraduate Centre, Belmont Road, Liverpool L6 4AF, UK.

London School of Hygiene and Tropical Medicine

Courses in community health, occupational health and preventive medicine. Course in human and clinical genetics leading to award of diploma.

The Registrar, LSHTM, Keppel Street, London WC1E 7HT, UK.

First Conference of the European Society for Chlamydia Research

To be held in Bologna, Italy 30 May to 1 June 1988.

Topics include epidemiology and preventive measures of chlamydial infections in Europe; clinical manifestations and therapy; immunology and host-parasite interaction; diagnostic procedures; genetics; vaccine development.

Details: Dr R. Cevenini, Institute of Microbiology of the University of Bologna, S. Orsola University Hospital, 9 via Massaretti, 40138-Bologna, Italy.

9th International Symposium on Parkinson's Disease

Jerusalem, Israel, 5-9 June 1988.

Details: P.O.B. 50006, Tel-Aviv 61500, Israel.

International Conference on Ergonomics, Occupational Health, Safety and Health, and the Environment

24-28 October, Beijing, China.

Details: Conference Administrator, ICE-O-SHE, Darling Downs Institute of Advanced Education, P.O. Box 44, Darling Heights, Toowoomba, Qld. 4350, Australia.

European Medical Research Group (Young AEMIE)

Regular meetings consisting of poster session and invited lecture, held at Lettsom House, 11 Chandos Street, London W1, UK.

Next meeting 15 March 1988. Professor Paul Turner—'Recent observations on drugs and human fertility'.

Details from: Dr D.R.J. Singer, c/o Fellowship of Postgraduate Medicine, 6 St Andrew's Place, London NW1 4LB, UK. Tel. 01-035 0556.

XIIIth International Update on Liver Disease

To be held in the Royal Free Hospital, London NW3 2QG, 14-16 July 1988

Details: Professor Neil McIntyre, Academic Department of Medicine, Royal Free Hospital, Pond Street, London NW3 2QG

Royal Free Hospital

Dr D. Geraint James has transferred his 5-day course for MRCP to the Royal Free Hospital. Clinicals, case presentations and quizzes. Course fee £160.

Courses will be starting on: 13 June 1988, 17 October 1988.

Details: Dr D.G. James, Royal Free Hospital, Pond Street, London NW3 2QG, UK.

Loughborough University of Technology

Centre for Extension Studies.

Stress management strategies, 17-18 March 1988

Effective security management 2-6 May 1988

Details: Administrative Officer, Centre for Extension Studies, Loughborough University of Technology, Loughborough, Leics. LE11 0BR, UK.

Addenbrooke's Postgraduate Medical Centre

Liver transplant meeting 25-26 March 1988

Details: Dr J.V. Farman, Postgraduate Medical Centre, Addenbrooke's Hospital, Hills Road, Cambridge CB2 2QQ

Oxford Regional Committee for Postgraduate Medical Education and Training

Radiobiology and allied sciences course, Oxford, 3-15 July 1988.

Enquiries to Dr K. Durrant or Dr J. Hopewell, Churchill Hospital, Headington, Oxford OX3 7LJ

Neurosciences course at Department of Human Anatomy, Oxford, 12-16 September 1988.

Enquiries to Regional Postgraduate Office, Level 3, John Radcliffe Hospital, Oxford OX3 9DU

General enquiries: K. Bicknell, Administrator, Medical School Offices, John Radcliffe Hospital, Headington, Oxford OX3 9DU

The Royal Photographic Society

Recent developments in medical imaging. Assembly Rooms, Bath, 12-16 September 1988

Details: The Royal Photographic Society, The Octagon, Milsom Street, Bath BA1 1DN

Management Forum

Round table meetings:

'The release of genetically engineered organisms' 7 March 1988, Cavendish Hotel, London W1

'Control of pesticides regulations 1986', 15 March 1988, Cavendish Hotel, London W1

'Irritancy to household products', 21 March 1988, Cafe Royal, London W1

Details: Management Forum Ltd, 48 Woodbridge Road, Guildford, Surrey GU1 4RL, Tel. 0483 570099

4th South-East European Symposium of Paediatric Surgery

'Normal and Disturbed Oesophageal Function in Childhood'.

7-9 September 1989. Graz, Austria.

Details: Professor Dr M. Hollwarth, Department of Paediatric Surgery, University of Graz, Heinrichstrasse 31, A-8010, Graz, Austria.

BLAT COURSES 1988

BLAT/WHO Course on Modern Methodology for Teachers of Health Sciences, 5-22 July 1988.

BLAT/WHO Course on the Management of a Collection of Health Audio-Visuals, 1-12 August 1988.

BLAT/Institute of Education of The University of London: Diploma in Primary Health Care Education. Three university terms (Oct.-Dec., Jan.-March, April-June) each academic year.

Information and application forms from: Head of Information Services, BLAT Centre for Health and Medical Education, BMA House, Tavistock Square, London WC1 9JP, UK. Tel. 01-388 7976.

International Symposium on Therapeutic Progress in Urological Cancers

Hotel Inter-Continental, Paris, France. 29, 30 June, 1 July 1988

Details: Dr G.P. Murphy, School of Medicine, State University of New York at Buffalo, 139 Parker Hall, Buffalo, 14214, USA.

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* 1982, **284**: 1766–70). 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 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**: 167–73.
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.