

Postgraduate Medical Journal

EDITOR
D. Barltrop

ASSISTANT EDITOR
B. I. Hoffbrand

ADVISORY EDITORIAL BOARD

A. E. R. Buckle
I. Chanarin
K. M. Citron
D. J. Coltart
A. H. Crisp
Sir Robert Drew

H. Ellis
R. Goulding
J. P. Hopewell
H. S. Jacobs
D. G. James

R. S. Kocen
J. S. Malpas
D. E. Sharland
P. Turner
S. P. Wilkinson
D. Innes Williams

EDITORIAL REPRESENTATIVE FOR AUSTRALIA
Thomas Stapleton

EDITORIAL ASSISTANTS
Mrs J. M. Coops Mrs L. Edmondston-Low

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.

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, and well documented Reports of cases of particular interest, and Book Reviews.

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* and *Biological Abstracts*.

EDITORIAL MATTERS

All editorial correspondence, including books for review and reprint orders, should be addressed to The Editor, The Postgraduate Medical Journal, Chandos House, 2 Queen Anne Street, London W1M 9LE (Tel. 01-580 3210).

ADVERTISEMENTS

Advertisement enquiries and bookings should be addressed to Blackwell Scientific Publications Ltd, Osney Mead, Oxford OX2 0EL.

SUBSCRIPTION INFORMATION

Postgraduate Medical Journal is published monthly

for the Fellowship of Postgraduate Medicine by Blackwell Scientific Publications Ltd. The annual subscription is £46.00 (U.K.), £55.00 (overseas), \$137.50 (U.S.A. & Canada) post free. Subscribers in the U.S.A. and Canada should send their orders to the J. B. Lippincott Company, East Washington Square, Philadelphia, Pa 19105, U.S.A. The price of single issues is £4.60 (\$11.46), postage extra. If payments are made by bank transfer, all charges shall be at the remitter's expense. U.S. Mailing Agent: Expeditors of the Printed Word Ltd, 527 Madison Ave, Suite 1217, New York, NY 10022. Second class postage paid at New York, NY. Orders and business correspondence should be addressed to Blackwell Scientific Publications Ltd, Osney Mead, Oxford OX2 0EL (Telephone Oxford 40201).

COPYRIGHT AND PHOTOCOPYING

© The contents of this Journal are copyright and, subject to the provisions of Section 7 of the Copyright Act, 1956, they may not be copied, adapted or reproduced without permission. Requests for permission to reproduce material elsewhere, either in whole or in part, should be addressed to The Editor.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per-copy fee through the Copyright Clearance Center Inc., Operations Center, P.O. Box 765, Schenectady, NY 12301, USA, for copying beyond that permitted by sections 107 or 108 of the US Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.

Books received

- Atherosclerosis Reviews Vol. 8. Prostaglandins and Cardiovascular Disease.* Edited by RUTH JOHNSON HEGYELI. Pp. xiii + 203, illustrated. Raven Press, New York, 1981. \$34.00.
- Care of the Burn-Injured Patient. A Multi-Disciplinary Involvement.* Edited by Mary M. Wagner. Pp. ix + 310, illustrated. Croom Helm, London, 1981. £11.95.
- A Colour Atlas of Clinical Gynaecology.* By V. R. TINDALL. Pp. 131, illustrated. Wolfe Medical Publications, London, 1981. £15.00.
- Contact Lenses Vol. 2. A Textbook for Practitioner and Student. Soft and Advanced Lens Fitting Techniques and Post-fitting Care.* Edited by JANET STONE and ANTHONY J. PHILLIPS. 2nd edn. Pp. xiii + 316 + index, illustrated. Butterworths, London and Boston, 1981. £29.50.
- Curator of the Dead. Thomas Hodgkin 1798-1866.* By MICHAEL ROSE. Pp. 148, illustrated. Peter Owen, London, 1981. £9.50.
- Electroconvulsive Therapy: an Appraisal.* Edited by R. L. PALMER. Pp. x + 316, illustrated. Oxford University Press, Oxford, 1981. £20.00.
- The Endometrium.* By W. B. ROBERTSON. Pp. xii + 201, illustrated. Butterworths, London, Boston, 1981. £25.00.
- A Handbook of Obstetrics and Gynaecology for the House Officer.* By MARY M. ANDERSON. Pp. 174. Faber and Faber, London, 1981. £3.95.
- Occupational Health Practice.* Edited by R. S. F. SCHILLING. 2nd edn. Pp. xviii + 630. Butterworths, London, 1981. £18.00.
- A Patient's Guide to Operations.* By DAVID DELVIN. Pp. 329, illustrated. Penguin Books, London, 1981. £1.95.
- A Physiological Approach to Clinical Neurology.* By J. W. LANCE and J. G. MCLEOD. 3rd edn. Pp. xiii + 380, illustrated. Butterworths, London, 1981. £17.50.
- Procedures in Practice.* Articles published in the British Medical Journal. Pp. 74, illustrated. British Medical Association, London, 1981. £4.00.
- Surgical Review 2.* Edited by J. S. P. LUMLEY and J. L. CRAVEN. Pp. vii + 435, illustrated. Pitman Books, London, 1981. £16.95.
- A Textbook of Clinical Pharmacology.* By H. J. ROGERS, R. G. SPECTOR and J. R. TROUNCE. Pp. viii + 853, illustrated. Hodder and Stoughton, London, 1981. £12.95.
- Therapeutic Endoscopy and Radiology of the Gut.* Edited by JOHN R. BENNETT, pp. xii + 271, illustrated. Chapman and Hall, London, 1981. £20.00.
- Treatment of Burns.* By J. S. CASON. Pp. 339, illustrated. Chapman and Hall, London, 1981. £15.00.
- Tutorials in Clinical Rheumatology.* By D. N. GOLDING. Pp. ix + 133, illustrated. Pitman Medical, London, 1981. £5.95.

Book reviews

Anaesthetic Nursing

By C. J. WALLACE. Pp. x + 278, illustrated. Pitman Medical, London, 1981. £14.95.

In many parts of the world—Scandinavia and parts of North America, for example—the anaesthetic nurse's role is to administer anaesthetics under the supervision of a medically qualified anaesthetist. Elsewhere, and especially in the United Kingdom, her task is more restricted. Essentially she acts as the anaesthetist's handmaiden. She will usually need to train and supervise anaesthetic technicians and teach junior nurses the fundamentals of her skills. She will need to know a great deal about the use and care of anaesthetic equipment and to be fully conversant with the drugs generally used by anaesthetists. Her knowledge of pharmacology and physiology should allow her to appreciate the implications of the drugs and techniques the anaesthetist may use.

This book is aimed at the courses in anaesthetics organised by the Joint Board of Clinical Nursing Studies. It is written in a simple and mainly straightforward style and profusely illustrated with simple line drawings. It is divided into 4 sections or 'modules'. The first of these deals with anaesthetic apparatus, covers some 50 pages and is far too limited in scope. It also has deficits in its balance. More space is given over to describing the obsolete Blease Universal vaporizer rather than the commonly used Fluotec Mark II, whilst the Mark III Fluotec is not mentioned. Most of the section on ventilators is given over to the Blease Pulmo-flator, a machine nowadays rarely used in the operating department. Monitoring equipment, which is dealt with

towards the end of the book, would be better included in this first section and again needs to be considered in more detail. Intravenous equipment, airways, and problems of electrical equipment are not mentioned. The second section of the book deals with drugs used in anaesthesia. It is greatly confused on the differences between approved and proprietary names of drugs. Local anaesthetics are not here mentioned, and elsewhere receive scant attention.

The third and longest section of the book deals with the problems of specific operative procedures and considers aspects of cardiothoracic, paediatric, neurosurgical and similar specialized surgery. The topics considered are well discussed. It is surprising that the author devotes so much space to these specialized aspects of anaesthesia without considering the problems of general abdominal orthopaedic and gynaecological surgery which are the bread and butter of most operating theatres. How much better this section would be if it started with some general consideration of the care of the unconscious patient, maintenance of the airway and positioning of the patient on the operating table. The last section of the book covers a miscellany of topics such as recovery, monitoring the ECG and fluid therapy. It ends with a brief discussion of the chemistry of acid base disorders which would have been better omitted.

It is, of course, too easy to be over-critical of books of this nature, which attempt the impossible task of fully encompassing a large and complicated theme in a limited number of pages. Certainly there is a need for a work on this theme. If the author defines more adequately the necessary scope of the book, then future editions should satisfy that end.

Postgraduate Medical Journal: Notice to Contributors

Typescripts. Two complete copies should be sent to the Editor, Postgraduate Medical Journal, Chandos House, 2 Queen Anne Street, London W1M 9LE. Papers should be typewritten on one side of the paper only, with a 1½ inch margin, and the lines should be double spaced. The paper should bear the name of the author(s) with their degrees and the name of the laboratory or research institute where the work has been carried out. The full address of the principal author should be given as a footnote.

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) Summary; (b) Introduction; (c) Materials and methods; (d) Results; (e) Discussion; (f) Acknowledgments; (g) References.

References in the text. These 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, Smith *et al.* (1958a).

All references should be brought together at the end of the paper in alphabetical order giving (a) name(s) of all the author(s) "*et al.*" not acceptable here; (b) year of publication in parentheses; (c) title of paper in its original form; (d) title of journal in full, underlined; (e) volume number, underlined; number of first page of article. References to books and monographs should include (a) name(s) and initials of all author(s) or editor(s); year of publication in parentheses, (b) title, underlined; (c) edition; (d) page referred to; (e) publisher; (f) place. *Authors should ensure that the listed references correspond exactly to those in the text.* Authors are responsible for the accuracy of their references.

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. SI units should be used wherever possible. Papers should be written in the third person.

Figures. In the text Arabic numbers, e.g. Fig. 3, should be used. They should be marked on the backs with the name(s) of the author(s) and the title of the paper. The top of each figure should be indicated with an arrow on the reverse side. 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 twice the size of the final reproduction. The originals of line diagrams, prepared as described above, may be submitted in photographs of similar size. The legends of all figures should be typed together on a single sheet of paper headed 'Captions to Figures'.

Tables. These should be on separate sheets. The main heading should be in capitals with an arabic number, e.g. TABLE 2. Each table must have a caption.

Page proofs will be submitted to the senior author 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.

Postgraduate Medical Journal

VOLUME 57

NUMBER 671

SEPTEMBER 1981

Clinical toxicology of 'magic mushroom' ingestion N. R. PEDEN, A. F. BISSETT, K. E. C. MACAULAY, J. CROOKS AND A. J. PELOSI	543
Mexiletine in human blood and breast milk A. M. LEWIS, L. PATEL, A. JOHNSTON AND P. TURNER	546
Antibiotic blood concentrations in patients successfully treated with tobramycin MILAN FIALA AND SATYA N. CHATTERJEE	548
Failure of anti-hypertensive drugs to control blood pressure rise with isometric exercise in hypertension J. A. O'HARE AND D. J. MURNAGHAN	552
Low-dose insulin treatment of hyperosmolar diabetic coma A. D. WRIGHT, C. H. WALSH, M. G. FITZGERALD AND J. M. MALINS	556
Sex hormone-binding globulin concentrations in women with severe premenstrual syndrome MAUREEN E. DALTON	560
The diagnosis of Ménétrier's disease M. W. N. WARD, M. SARNER, M. G. WHITTAKER AND C. G. CLARK	562
Renal vein thrombosis in nephrotic syndrome - a prospective study and review K. S. CHUGH, N. MALIK, H. S. UBEROI, V. K. GUPTA, M. L. AGGARWAL, P. C. SINGHAL, S. SURI AND S. K. JAIN	566
<hr/>	
Case reports	
Sequelae of a 'magic mushroom banquet' ANTHONY D. HARRIES AND VALMAI EVANS	571
Spirolactone and diabetic ketoacidosis A. G. JARIWALLA, C. R. JONES, A. LEVER AND R. HALL	573
Recurrent apnoeic attacks as a manifestation of epilepsy T. J. WALLS, P. K. NEWMAN AND W. J. K. CUMMING	575
Anorexia nervosa, liquorice and hypokalaemic myopathy S. NIGHTINGALE, P. E. SMITH AND D. M. TURNBULL	577
Atropine treatment for baclofen overdose R. E. FERNER	580
Tinnitus in a patient with beta-thalassaemia intermedia on long-term treatment with desferrioxamine M. N. MARSH, I. B. HOLBROOK, C. CLARK AND J. L. SHAFFER	582
Chronic lymphatic leukaemia terminating as erythroleukaemia MAHIR AL-HILALI, JOHN O. P. EDGCUMBE AND MILES V. JOYNER	585
Light chain plasmacytoid lymphocytic lymphoma A. TABILIO, B. FALINI, C. MECUCCI AND M. F. MARTELLI	588
Carcinoma of the oesophagus associated with membrano-proliferative glomerulonephritis J. F. WALKER, S. O'NEILL, E. CAMPBELL, O. BROWNE, G. DOYLE, M. CARMODY AND W. F. O'DWYER	592
Hypoparathyroidism associated with systemic lupus erythematosus V. J. HAJIROUSSOU	597
Recurrent colitis following antibiotic-associated pseudomembranous colitis JOHN DAVIES AND ERIC BECK	599
Hydrallazine alone in acute left ventricular failure A. J. L. CLARK AND H. B. MCMICHAEL	602
Surgical treatment of hypertrophic obstructive cardiomyopathy in the elderly KALMAN KAFETZ	604
Books received; book reviews	607