

Postgraduate Medical Journal

EDITORIAL BOARD

B.I. Hoffbrand
Editor

D. Barltrop
D.G. Beevers
I. Chanarin
K.M. Citron
D.J. Coltart
A.H. Crisp
I.J.T. Davies

C.D.M. Drew
H. Ellis
R. Goulding
J.P. Hopewell
D. Ingram
H.S. Jacobs
D.G. James
R.S. Kocen

L. Kreel
J.G. Lewis
J.S. Malpas
A. Paton
P. Turner
R.G. Twycross
D. Innes Williams

*Editorial Representative
for Australia*
J.R. Lawrence

Editorial Assistant
Mrs J.M. Coops

Volume 62, Number 724

February 1986



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

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.

© 1986 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 4LE, 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 & 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 and Eire £68.00; USA & Canada US\$155.00 (\$200.00 Airmail); Rest of the World £85.00 (£120.00 Airmail) 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, Farndon Road, Market Harborough, Leicestershire, LE16 9NR, UK. Where appropriate, subscribers may make payments into UK Post Office Giro Account No. 519 2455. Full details must accompany payment.

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, 21 Congress St., Salem, MA 01970, USA.
0032-5473/86 \$1.00 + 0.10

Publishing Manager: Alex Williamson

Production & Editorial Services Manager:
David Ashcroft

Circulation Services: A.L. Clark

Filmsetting by Vantage Photosetting Co. Ltd., Eastleigh and London and printed in Great Britain by Unwin Brothers Ltd, The Gresham Press, Old Woking, Surrey.

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.

Festschrift for Professor Otto Wolff

Nuffield Professor of Child Health
Institute of Child Health, University of London
and

Honorary Consultant Physician
The Hospital for Sick Children
Great Ormond Street
London

1965–1985



Professor Otto Wolff

Notice to Contributors

Typescripts Two complete copies should be sent to the Editor, Postgraduate Medical Journal, 10 Duchess Street, London W1N 3AB. Papers must be typewritten, double-spaced, on one side of paper not larger than A4 (297mm × 210mm), 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.

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. 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. -ize spellings are preferred. Statistics and measurement should be always be given in figures, i.e. 10 min, 20h, 5ml, except where the number begins the sentence.

References In the text, reference to other work should take the form (Alcock & Brown, 1983) or '...Alcock & Brown (1983) showed that...'. Where reference is made to a work by three or more authors, give the first authors name followed by et al., e.g. (Smith *et al.*, (1982) or 'Smith *et al.* (1982) reported...'. References to 'unpublished observations' or 'personal communications' should be mentioned in the text but not included in the list of references. If several papers by the same author(s) and from the same year are cited, lower case letters a, b, c, etc., should be inserted immediately following the date.

All references should be brought together at the end of the paper in alphabetical order giving (a) name(s) and initials 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); year of publication in parentheses, (b) title, underlined; (c) edition and editor(s)' names and initials; (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.

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 photograph. Areas of key interest and/or critical reproduction should be indicated on a flimsy overlay attached to the photograph or on a photocopy. All annotation and lettering should be indicated in the same way, and preferably not included on the original print. Clearly contrasted and focussed 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 explanation 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.

Postgraduate Medical Journal

Volume 62, No. 724

February 1986

Contents

- 85 LLOYD, J.K. Preface
- 87 STARK, O. & LLOYD, J. Some aspects of obesity in childhood
- 93 EBRAHIM, G.J. Infant feeding in the third world
- 97 LLOYD, J.K. & WEST, R.J. Childhood prevention of coronary heart disease
- 101 MILLA, P.J. Paediatric gastroenterology: Lessons of inborn errors
- 107 MULLER, D.P.R. Vitamin E: its role in neurological function
- 113 SMITH, I., HOWELLS, D.W. & HYLAND, K. Pteridines and mono-amines: relevance to neurological damage
- 125 LEONARD, J.V. Teratogenic inborn errors of metabolism
- 131 PEMBREY, M. & BARAITSER, M. Recently recognised chromosomal defects of clinical importance
- 143 LASK, B. The high-achieving child
- 147 MORLEY, D. Training in child health for the developing world