



#### Editor-in-chief

Fiona Moss (UK)

#### Editors

Ian Curran (UK)

Len Doyal (UK)

Lesley Doyal (UK)

Michael Fertleman (UK)

Penny Fitzharris (New Zealand)

Ana Grenfell (Finland)

Duncan Keeley (UK)

#### Associate editors

Edward Hoey (UK)

John Launer (UK)

Kshitij Mankad (UK)

Daniel Sokol (UK)

#### Guidelines for Authors and

#### Reviewers

Full instructions are available online at <http://pmj.bmj.com/fora>. Articles must be submitted electronically <http://submit-pmj.bmj.com>. Authors retain copyright but are required to grant *Postgraduate Medical Journal* an exclusive licence to publish <http://pmj.bmj.com/fora/licence.dtl>

**Impact Factor:** 1.587

#### Disclaimer

While every effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinions or statements appear 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. While 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, described with in this Journal, should only be followed in conjunction with the drug manufacturer's own published literature.

**Copyright:** © 2009 The Fellowship of Postgraduate Medicine. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior permission. *Postgraduate Medical Journal* is published by BMJ Publishing Group Ltd, typeset by The Charlesworth Group and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Ltd, Plymouth, UK.

*Postgraduate Medical Journal* (USPS No: 009-072) is published monthly by the British Medical Journal Group and distributed in the USA by Pitney Bowes International Mailing Services Inc as mailing agent. Periodicals postage paid at Kearny, NJ, USA and additional mailing offices. POSTMASTER: send address changes to *Postgraduate Medical Journal*, PB International Mailing Services Inc, 500 US Hwy 46, Clifton, NJ 07011, USA.

**Postgraduate Medical Journal** is a peer reviewed journal published on behalf of the Fellowship of Postgraduate Medicine. The journal aims to support junior doctors and their teachers and contribute to the continuing professional development of all doctors by publishing papers on a wide range of topics relevant to the practising clinician and teacher. Papers published include those that focus on core competencies; that describe current practice and new developments in all branches of medicine; that describe relevance and impact of translational research on clinical practice; that provide background relevant to examinations and medical education and medical education research. The *PMJ* supports CPD by providing the opportunity for doctors to publish many types of articles including original clinical research; reviews; quality improvement reports; editorials; and correspondence on clinical matters.

## Fellowship of Postgraduate Medicine

### President

DRJ Singer

### Secretary

MJ Shaw

### Treasurer

AD Malcolm

### Assistant Treasurer

WL Currie

## Council Members

I Curran

H Lim

AM Long

R Moulding

LT Newman

D Saltman

## The Fellowship of Postgraduate Medicine

The Fellowship of Postgraduate Medicine was founded after the First World War and was a pioneer in the UK in the development of programmes of postgraduate study in all branches of medicine. It is, and always has been, independent of universities, the health service and government. The Fellowship does not give personal grants for educational purposes or research. It achieves its objectives through publishing the *Postgraduate Medical Journal* and sponsoring national postgraduate education programmes. Further details can be obtained from the Executive Secretary, Fellowship of Postgraduate Medicine, 12 Chandos Street, London W1G 9DR, UK; [www.fpm-uk.org](http://www.fpm-uk.org). The Fellowship is a registered charity.

## Subscription Information

*Postgraduate Medical Journal* is published monthly; subscribers have access to all supplements

### Institutional Rates 2009

**Print**  
£368; US\$718; €497

### Online

Online: Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://group.bmj.com/group/subs-sales/subscriptions> or contact the Subscription Manager in the UK (see above right).

Residents of some EC countries must pay VAT; for details, call us or visit [www.bmj.com/subscriptions/vatandpaymentinfo.dtl](http://www.bmj.com/subscriptions/vatandpaymentinfo.dtl)

### Personal Rates 2009

**Print** (includes online access at no additional cost)  
£157; US\$306; €212

**Online only**  
£106; US\$207; €143

ISSN 0032-5473 (print);  
1469-0756 (online)

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/group/subs-sales/subscriptions> (payment by Visa/Mastercard only).

## Contact Details

### Editorial Office

*Postgraduate Medical Journal*, BMJ Journals,  
BMA House, Tavistock Square  
London, WC1H 9JR, UK  
T: +44 (0)20 7383 6170  
F: +44 (0)20 7383 6668  
E: [pmj@bmjgroup.com](mailto:pmj@bmjgroup.com)

### Permissions

<http://journals.bmj.com/misc/permissions.dtl>

### Supplement Enquiries

T: +44 (0)20 7383 6057  
F: +44 (0)20 7383 6668  
E: [journals@bmjgroup.com](mailto:journals@bmjgroup.com)

### Subscriptions (except USA)

Subscription Manager, BMJ Journals  
BMJ Publishing Group, PO BOX 299  
London WC1H 9TD, UK  
T: +44 (0)20 7383 6270  
F: +44 (0)20 7383 6402  
E: [subscriptions@bmjgroup.com](mailto:subscriptions@bmjgroup.com)  
<http://group.bmj.com/group/subs-sales/subscriptions>

### US Subscriptions

PP&F, PO Box 361  
Birmingham, AL 35201-0361, USA  
T: +1 800 348 6473 (toll free in the USA)  
F: +1 205 995 1588  
E: [bmj-clinicalvidence@ebSCO.com](mailto:bmj-clinicalvidence@ebSCO.com)

### Advertising

T: +44 (0)20 7383 6181  
F: +44 (0)20 7383 6556  
E: [ecurrer@bmjgroup.com](mailto:ecurrer@bmjgroup.com)  
<http://group.bmj.com/group/advertising>

### Author Reprints

Reprints Administrator  
T: +44 (0)150 251 5161  
F: +44 (0)207 554 6185  
E: [admin.reprints@bmjgroup.com](mailto:admin.reprints@bmjgroup.com)

### Commercial Reprints (except USA & Canada)

Nadia Gurney-Randall  
T: +44 (0)20 8445 5825  
F: +44 (0)20 8445 5870  
M: 07866 262 344  
E: [ngurneyrandall@bmjgroup.com](mailto:ngurneyrandall@bmjgroup.com)

### Commercial Reprints (USA & Canada)

Marsha Fogler  
T: +1 800 482 1450 (toll free in the USA)  
T: +1 856 489 4446 (outside the USA)  
F: +1 856 489 4449  
E: [mfogler@medicalreprints.com](mailto:mfogler@medicalreprints.com)