

# Emergency Medicine Journal

including pre-hospital care

Journal of the British Association for  
Accident and Emergency Medicine  
Official Journal of the British Association for Immediate Care and the Faculty of Pre-Hospital Care of the  
Royal College of Surgeons of Edinburgh



## Editors

Peter Driscoll  
Jim Wardrope

## Associate editors

Colville Laird (Prehospital Care)  
Roderick Mackenzie (Deputy Associate Editor, Prehospital Care)  
Kevin Mackway-Jones (BETS editor)  
Jonathan Wyatt (Web editor)

## Editorial assistant

Craig Raybould

## Technical editor

Jackie Foulds

## Editorial board

George Alberti (UK)	Campbell MacFarlane (South Africa)
Rui Araujo (Portugal)	Iain McNeill (UK)
Tom Beattie (UK)	Steve Meek (UK)
Mike Beckett (UK)	Francis Morris (UK)
Ken Boffard (South Africa)	Pat Nee (UK)
Chris Brookes (UK)	Jerry Nolan (UK)
Tony Brown (Australia)	Keith Porter (UK)
Chris Carney (UK)	Brian Robertson (UK)
Mike Clancy (UK)	Aruni Sen (UK)
Tim Coats (UK)	Martin Shalley (UK)
Matthew Cooke (UK)	David Skinner (UK)
Rob Crouch (UK)	John Sloan (UK)
Ffion Davies (UK)	Paul Sullivan (UK)
Christine Dearden (UK)	Robin Touquet (UK)
Rhid Dowdle (UK)	David Watson (UK)
Steve Goodacre (UK)	Malcolm Woollard (UK)
Peter Goode (UK)	Hasnain Zafar (Pakistan)
Alistair Gray (UK)	Registrar Representative: David Pedley (UK)
Ian Greaves (UK)	Editor, <i>BMJ</i>
Henry Guly (UK)	
Jerris Hedges (USA)	
John Henry (UK)	
John Heyworth (UK)	
Tim Hodgetts (UK)	
Geoff Hughes (New Zealand)	
Diana Hulbert (UK)	
Robin Illingworth (UK)	
Alison Jones (UK)	
Kevin Jones (UK)	
Tom Judge (USA)	

## Instructions to authors

Full instructions are available online at <http://emj.bmjournals.com/misc/ifora.shtml>

## Subscription information

See inside front cover

## Copyright

© 2004 *Emergency Medicine Journal*. 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 the prior permission of *Emergency Medicine Journal*.

Authors are required to grant *Emergency Medicine Journal* an exclusive licence to publish; further details available online at <http://emj.bmjournals.com/misc/ifora.shtml>.

- Emergency Medicine Journal* is published by BMJ Publishing Group, typeset by The Charlesworth Group, and printed in UK on acid free paper by MPG Books Limited, Bodmin.
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Emergency Medicine Journal*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.
- ISSN: 1472-0205 (print version)
- ISSN: 1472-0213 (electronic version)



[www.publicationethics.org.uk](http://www.publicationethics.org.uk)

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

# contents EMJ

Volume 21 Number 5 September 2004

## Editorials

- 526 Restructuring our workforce *J P Wyatt*  
526 Defining the specialty *M J Clancy*

## Review

- 528 Patient satisfaction in emergency medicine *C Taylor, J R Bengler*

## Original articles

- 533 Development of the specialty of emergency medicine in Israel: comparison with the UK and US models *P Halpern, Y Waisman, I P Steiner*
- 537 Making an IMPACT on emergency department flow: improving patient processing assisted by consultant at triage *J Terris, P Leman, N O'Connor, R Wood*
- 542 Team triage improves emergency department efficiency *F Subash, F Dunn, B McNicholl, J Marlow*
- 545 Can a senior house officer's time be used more effectively? *J Mitchell, C Hayhurst, S M Robinson*
- 548 An investigation into the short term and medium term health impacts of personal incapacitant sprays. A follow up of patients reported to the National Poisons Information Service (London) *E Euripidou, R MacLehose, A Fletcher*
- 553 Effects of gastric acid on euro coins: chemical reaction and radiographic appearance after ingestion by infants and children *S Puig, M Scharitzer, K Cengiz, E Jetzinger, L Rupprecht*
- 557 End tidal carbon dioxide as a predictor of the arterial PCO<sub>2</sub> in the emergency department setting *C Yosefy, E Hay, Y Nasri, E Magen, L Reisin*
- 560 Non-touch suturing technique fails to reduce glove puncture rates in an accident and emergency department *T K McAdam, R E McLaughlin, B McNicholl*
- 562 Detection of non-accidental injuries presenting at emergency departments *A McKinney, G Lane, F Hickey*
- 565 Cardiopulmonary resuscitation on Flemish television: challenges to the television effects hypothesis *J Van den Bulck, K Damiaans*
- 568 Are health professionals getting caught in the crossfire? The personal implications of caring for trauma victims *J M Crabbe, D M G Bowley, K D Boffard, D A Alexander, S Klein*

## Short reports

- 573 Quality and effectiveness of an emergency department during weekends *O Miró, M Sánchez, G Espinosa, J Millá*
- 575 Total time in English accident and emergency departments is related to bed occupancy *M W Cooke, S Wilson, J Halsall, A Roalfe*
- 577 Are we training junior doctors to respond to major incidents? A survey of doctors in the Wessex region *S N Madge, J P Kersey, G Murray, J R Murray*
- 580 Prospective evaluation of non-radiologist performed emergency abdominal ultrasound for haemoperitoneum *A Brooks, B Davies, M Smethurst, J Connolly*
- 582 Securing central venous catheters: a comparison of sutures with staples *A Vinjirayer, P Jefferson, D R Ball*

## Socrates

- 584 SOCRATES 1 (synopsis of Cochrane reviews applicable to emergency services) *P Gilligan, A Khan, M Shepherd, G Lumsden, G Kitching, A Taylor, H Law, J Brenchley, J Jones, D Hegarty*

## Best evidence topic reports






- 586 Towards evidence based emergency medicine: best BETs from the Manchester Royal Infirmary Edited by K Mackway-Jones
- 586 Nebulised magnesium in asthma *J Costello, M Howes*
- 587 Role of flexion/extension radiography in neck injuries in adults *E Pitt, S Thakore*
- 589 Peripheral pulses to exclude thoracic aortic dissection *S Teece, K Hogg*
- 589 Wound closure in animal bites *F Garbutt, R Jenner*
- 590 Therapeutic hypothermia after out of hospital cardiac arrest *B A Foëx, J Butler*
- 591 Gastric lavage in aspirin and non-steroidal anti-inflammatory drug overdose *S Teece, I Crawford,*

- 636 Hypoventilation and hypoxia in reversal of cardiogenic shock in an infant with congenital heart disease *A Sacchetti, G Wernovsky, C Paston, M Fernandes*
- 638 Variable radio-opacity of a metallic foreign body *M D Weller, C A Ayshford*
- 639 Occult congenital anomaly of the atlas presenting in the setting of acute trauma *A W O'Sullivan, F Mc Manus*
- 640 Hypovolaemic shock by rat bites. A paradigmatic case of social deprivation *A Donoso, J León, G Rojas, M Ramirez, B Oberpaur*
- 642 Clinical use of the Empey index in the emergency department *J E France, M J C Thomas*
- 644 Gastropericardial fistula: a case report and review of literature *T M Grandhi, D Rawlings, C G Morran*

## JournalScan

- 593 JournalScan Edited by J Wyatt, D Pedley

## Prehospital care

- 595  The ABC of community emergency care. 6 Assessment and management of paediatric primary survey negative patients *F Jewkes, M Woollard*
- 606  The ABC of community emergency care. 7 Abdominal pain, abdominal pain in women, complications of pregnancy and labour *J Gray, J Wardrope, D J Fothergill*
- 614  The emerging role of the emergency care practitioner *S Cooper, B Barrett, S Black, C Evans, C Real, S Williams, B Wright*
- 619  Surviving out of hospital cardiac arrest at home: a postcode lottery? *R M Lyon, S M Cobbe, J M Bradley, N R Grubb*
- 625  Potential impact of interventions to reduce times to thrombolysis *S Goodacre, A-M Kelly, D Kerr*

## Case reports

- 630 Childhood asthma predisposes to spontaneous pneumomediastinum *A U Momin, D A Chung, L C H John*
- 631 Face value? *R Bethune, E Hern, A Qayyum, R Pratap, R Brown*
- 632 Propofol combined with lorazepam for severe poly substance misuse and withdrawal states in intensive care unit: a case series and review *K Subramaniam, R M Gowda, K Jani, W Zewedie, R Ute*
- 634 Air gun injury *M J Shepherd*
- 635 Occult knee dislocation: the importance of secondary survey *A J Laing, C Tansey, A J Hussey, M O'Sullivan, K Kaar*

## Letters

- 646 Are accident and emergency senior house officers getting slower? *P Gilligan, R N Illingworth, S Crane, D Hegarty*
- 646 Comprehensive drug screening *H A Greller, F Barrueto Jr*
- 646 What is "relative analgesia"? *M C Howes; G J Browne, A Frampton, L T Lam, M G Cooper, L G Lane*
- 647 Climbie Inquiry sets new standards *J L Louis, S J Bridges*
- 647 Steering wheel spin? *M D Simmons; Y Ngam, J Cutter*
- 648 Children and mini-magnets: comments and suggestions *L Finegold*
- 648 Radiology in paediatric cervical spine injury *B W Martin*
- 648 Emergency department investigation of deep vein thrombosis *A Wakai*
- 648 Fractured clavicle and vascular complications *A K J Mandal, J Jordaan, C G Missouri*
- 649 Atypical antipsychotics not recommended for control of agitation in the emergency department *K R Whelan, P I Dargan, A L Jones, N O'Connor*
- 649 Nothing ever changes... *E Walker*

## Book reviews

- 649 The 5 minute toxicology consult for PDA *S Bush*
- 650 Disaster medicine *J M Ryan*
- 650 ACLS for EMT-Basics *M Woollard*

## Electronic pages

- e5 Prospective evaluation of non-radiologist performed emergency abdominal ultrasound for haemoperitoneum *A Brooks, B Davies, M Smethurst, J Connolly*
- e6 AMBEX abstracts 2003