

Emergency Medicine Journal

including pre-hospital care

Journal of the British Association for
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
Danish Society for Emergency Medicine



Danish Society for Emergency Medicine

Dansk Selskab for Akutmedicin

Editors

Geoff Hughes (Australia)
Kevin Mackway-Jones (UK)

Deputy Editors

Steve Goodacre (Acute medicine) (UK)
Colville Laird (Prehospital Care) (UK)
Ian Maconochie (Paediatric emergency medicine) (UK)
Jonathan Wyatt (Web editor) (UK)

Associate Editors

Simon Carley (Evidence-based medicine) (UK)
Darren Walter (Prehospital Care) (UK)
Malcolm Woollard (Prehospital Care) (UK)

Editorial Board

R Araujo (Portugal)	T Hodgetts (UK)
T Beattie (UK)	R Ilingworth (UK)
K Boffard (South Africa)	T Judge (USA)
C Brookes (UK)	J Lundager Forberg (Sweden)
T Brown (Australia)	I McNeill (UK)
M Clancy (UK)	S Meek (UK)
T Coats (UK)	P Nee (UK)
M Cooke (UK)	J Nolan (UK)
R Crouch (UK)	K Porter (UK)
F Davies (UK)	M Shalley (UK)
R Dowdle (UK)	J Sloan (UK)
I Greaves (UK)	G Syed (UK)
H Guly (UK)	R Touquet (UK)
J Henry (UK)	L Wallis (South Africa)
J Heyworth (UK)	D Watson (UK)
	Editor, <i>BMJ</i>

EMJ Supplement

Mike Beckett (UK)
Diana Hulbert (UK)
Lisa Summers (UK)

Guidelines for authors and reviewers

Full instructions are available online at <http://emj.com/ifa>
All papers must be submitted via Bench > Press at
<http://submit-emj.com>

Subscription Information

See inside front cover
• ISSN: 1472-0205 (print version)
• ISSN: 1472-0213 (electronic version)

Disclaimer

Emergency Medicine Journal is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association, and the British Association for Emergency Medicine.

The BMA grants editorial freedom to the Editor of *Emergency Medicine Journal*. *Emergency Medicine Journal* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Emergency Medicine Journal is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of *Emergency Medicine Journal* or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright

© 2007 BMJ Publishing Group Ltd. 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.com/ifa>
- *Emergency Medicine Journal* is published by BMJ Publishing Group, typeset by The Charlesworth Group and Printed in the UK on acid-free paper by Cambrian Printers Ltd, Aberystwyth
- Periodicals postage paid, Rahway, New Jersey, USA. Postmaster: send address changes to: *Emergency Medicine Journal*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



contents EMJ

Volume 24 Number 7 July 2007

Editorial

- 454 Peer review *G Hughes*

Original articles

- 455 The human bite injury: a clinical audit and discussion regarding the management of this alcohol fuelled phenomenon *F P Henry, E M Purcell, P A Eadie*
- 459 Propofol for procedural sedation in the emergency department *T Dunn, D Mossop, A Newton, A Gammon*
- 462 Structure, process and outcomes of chest pain units established in the ESCAPE Trial *J Arnold, S Goodacre, F Morris, on behalf of the ESCAPE Research Team*
- 467 Teaching the trauma teachers: an international review of the Advanced Trauma Life Support Instructor Course *D A Kilroy*
- 471 TIMI risk score: does it work equally well in both males and females? *M Karounos, A M Chang, J L Robey, K L Sease, F S Shofer, C Follansbee, J E Hollander*
- 475 Factors influencing pain management by nurses in emergency departments in Central Africa *R M Rampanjato, M Florence, N C Patrick, B T Finucane*
- 477 Limitations in validating emergency department triage scales *M Twomey, L A Wallis, J E Myers*

Short reports

- 480 Rapid sequence intubations by emergency doctors: we can but are we? *C P Dibble, C McHague*
- 482 Weight-based N-acetylcysteine dosing chart to minimise the risk of calculation errors in prescribing and preparing N-acetylcysteine infusions for adults presenting with paracetamol overdose in the emergency department *V A Selvan, S H S Calvert, G Cavell, E Glucksman, M Kerins, J Gonzalez*
- 485 An unusual presentation of a minor head injury sustained during a game of rugby *D Rimal, S R Thapa, N Munasinghe, M Errington*
- 487 A quality control programme for acute myocardial infarction management in out-of-hospital critical care medicine *F-X Duchateau, M L Devaud, A Burnod, J Mantz, A Ricard-Hibon*

Socrates

- 489 SOCRATES Episode II (synopsis of Cochrane reviews applicable to emergency services Episode II): the return of Series III *P Gilligan, A Pountney, B Wilson, C Mehigan, E Kidney, P Jennings, J Cooper, D Hegarty, J Lee, A Khan, G Lumsden, D Godden, M Shepherd, L Allonby-Neve, A Broderick, S Carr, S Wilson, J O' Sullivan*






www.publicationethics.org.uk

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

.....
Best evidence topic reports

- 492 Towards evidence based emergency medicine: best BETs from the Manchester Royal Infirmary *Edited by Simon D Carley*
- 492 Use of ultrasonography for lumbar puncture *T Cummings, J S Jones*
- 493 Routine chest x rays following bronchoscopy guided percutaneous dilational tracheostomy *S Das, M Jennings*
- 494 Using the ultrasound compression test for deep vein thrombosis will not precipitate a thromboembolic event *K P Nunn, P K Thompson*
- 495 Prophylaxis of venous thromboembolism in patients with lower limb plaster cast immobilisation *E Brown, A Bleetman*

.....
Prehospital care

- 497  The preparedness of emergency medical services against occupationally acquired communicable diseases in the prehospital environment in South Africa *O Mahomed, C C Jinabhai, M Taylor, A Yancey*
- 501  Prehospital clearance of the cervical spine: does it need to be a pain in the neck? *B P Armstrong, H K Simpson, R Crouch, C D Deakin*
- 504  Management of eclampsia in the prehospital setting *A A Mateos Rodriguez, M Á B Vellisca*

.....
Emergency casebook

- 505 Isolated cricoid fracture associated with blunt neck trauma *J H Oh, H S Min, T U Park, S J Lee, S E Kim*

- 507 Acute spontaneous compartment syndrome in recent onset type 1 diabetes *H Mahdi, S Gough, K K Gill, B Mahon*
- 509 Emergency use of the Airtraq laryngoscope in traumatic asphyxia: case report *J J M Black*
- 511 Full neurological recovery from profound (18.0°C) acute accidental hypothermia: successful resuscitation using active invasive rewarming techniques *A Hughes, P Riou, C T Day*
- 513 Diabetic muscle infarction *A Mathew, I S Reddy, C Archibald*
- 515 Dolasetron overdose resulting in prolonged QTc interval and severe hypotension: a case report and literature review *M Rochford, T J Kiernan, A Aziz*

.....
Images in emergency medicine

- 518 Colonic phytobezoar *S-J Lee, S-J Chu, S-H Tsai*
- 518 Double wall sign *S-H Tsai, S-J Chu, S-J Chen*
- 519 Descent of a bullet in the spinal canal *S Rawlinson, S Capper*
- 519 Jaw fracture as a result of dog bite in a 9-month-old infant *D F Tighe, L Cascarini, J Collyer*
- 520 Bleeding from a gastric Dieulafoy lesion *R Garg*

.....
PostScript

- 521 Letters
- 521 Corrections
- 522 Sophia