



Editors

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

Deputy Editors

Steve Goodacre (Acute Medicine) (UK)
Darren Walter (Prehospital Care) (UK)
Ian Maconochie (Paediatric Emergency Medicine) (UK)
Jonathan Wyatt (UK)

Associate Editors

Simon Carley (Evidence-based Medicine) (UK)
Malcolm Woollard (Prehospital Care) (UK)

Web Editor

Janos Baombe (UK)

Editorial Office

BMJ Publishing Group Ltd, BMA House,
Tavistock Square, London WC1H 9JR, UK
T: +44 (0)20 7383 6394
F: +44 (0)20 7383 6668
E: emjeditorial@bmjgroup.com

ISSN: 1472-0205 (print)
ISSN: 1472-0213 (online)

Impact factor: 1.269

Disclaimer: Emergency Medicine Journal is owned and published by the British Association for Emergency Medicine and BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The owners grant 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: © 2011 BMJ Publishing Group Ltd and the College of Emergency 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 the prior permission of Emergency Medicine Journal.

Emergency Medicine Journal is published by BMJ Publishing Group Ltd, typeset by TNQ Books & Journals, Chennai, India and printed in the UK on acid-free paper by Latimer Trend, Plymouth.

Emergency Medicine Journal (ISSN No1472-0205) is published monthly by BMJ Publishing Group and is distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ.
POSTMASTER: Send address changes to Emergency Medicine Journal, Mercury International Ltd, 365 Blair Road, Avenel, NJ, 07001, USA.

Primary survey

- 1001 Highlights from this issue
M Woollard

Editorial

- 1002 Reconfiguring hospital services
G Hughes

Commentary

- 1004 Future research in emergency medicine: explanation or pragmatism? Large or small? Simple or complex?
T J Coats

Review

- 1008 Outcome measures in major trauma care: a review of current international trauma registry practice
G K J Sleat, A M Ardolino, K M Willett

Original articles

- 1013 Simulating the use of re-prioritisation as a wait-reduction strategy in an emergency department
J Coughlan, J Eatock, N Patel

- 1019 Deliberate self-harm patients in the emergency department: factors associated with repeated self-harm among 1524 patients
K Bilén, C Ottosson, M Castrén, S Ponzer, C Ursing, P Ranta, K Ekdahl, H Pettersson

- 1026 Validation of the Taiwan triage and acuity scale: a new computerised five-level triage system
C-J Ng, Z-S Yen, J C-H Tsai, L C Chen, S J Lin, Y Y Sang, J-C Chen, TTAS national working group

- 1032 Associations of the Emergency Severity Index triage categories with patients' vital signs at triage: a prospective observational study
I van der Wulp, H A A Rullmann, L P H Leenen, H F van Stel

- 1036 Procedural sedation and analgesia in a large UK Emergency Department: factors associated with complications
K G Jacques, A Dewar, A Gray, D Kerslake, A Leal, F Lees

- 1041 Initial salivary α -amylase activity predicts malignant ventricular arrhythmias and short-term prognosis after ST-segment elevation myocardial infarction
Y-S Shen, C-M Chan, W-L Chen, J-H Chen, H-Y Chang, H Chu

- 1046 Disease severity prediction for nursing home-acquired pneumonia in the emergency department
S Y Man, C A Graham, S S W Chan, P S K Mak, A H Y Yu, C S K Cheung, P S Y Cheung, G Lui, N Lee, M Chan, M Ip, T H Rainer

- 1051 Allocation decisions and patient preferences in emergency medicine
G Arendts, K Howard, J M Rose

- 1055 Mephedrone toxicity in a Scottish emergency department
L Regan, M Mitchelson, C Macdonald

Prehospital care

- 1059 Ivory wave: the next mephedrone?
M Durham



- 1061 Prehospital reflections: diagnosing apnoea at a multiple casualty chemical, biological, radiological and nuclear incident
M Malpas

- 1063 Emergency ultrasound in the prehospital setting: the impact of environment on examination outcomes
B Snaith, M Hardy, A Walker

Short report

- 1066 The effect of syncope on brain natriuretic peptide
M J Reed, L Gibson

Emergency casebooks

- 1068 Energy-1 ('NRG-1'): don't believe what the newspapers say about it being legal
D M Wood, S Davies, A Cummins, J Button, D W Holt, J Ramsey, P I Dargan

MORE CONTENTS ►



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://emj.bmj.com/info/unlocked.dtl>



COMMITTEE ON PUBLICATION ETHICS

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

www.publicationethics.org.uk



When you have finished with this magazine please recycle it

- 1071** 'Biting the hand that feeds': fever and altered sensorium following a dog bite
J Hawkins, A Wilson, E McWilliams

Best Evidence Topic reports

S Teece

- 1074** BET 1: Prophylactic antibiotic use to prevent weill's disease after immersion in water
G Ellis, A Robinson
- 1075** BET 2: Do wrist splints need to have a thumb extension when immobilising suspected scaphoid fractures?
S Al-Nahhas, J Smith
- 1076** BET 3: Is ketamine a viable induction agent for the trauma patient with potential brain injury
S Hughes, D Horner, J Baombe
- 1077** BET 4: Is intranasal fentanyl better than parenteral morphine for managing acute severe pain in children?
S R Kusre, J Costello

PostScript

- 1079** Letters

Miscellanea

- 1058** Correction
- 1080** Short answer questions (SAQs)
- 1086** Sophia

Images in emergency medicine

- 1003** Diffuse intestinal pneumatosis and massive hepatic portal gas
J Lopez-Monclus, M A Garcia-Ureña, L A Blazquez, L F Aguilera, D A Melero
- 1060** Scleral calcification
S J Coutts, H T El-kasaby
- 1062** Nutmeg liver
W-L Liu, C-C Lai
- 1082** Pneumopericardium: diagnosing a rare entity with bedside imaging
P J Howlett, T P Chua
- 1082** A functional 'three-joint limb'
J-F Vigneau, Y Yordanov, G Kierzek, R Istria, J-L Pourriat
- 1083** ImPRESSive hypertensive encephalopathy
F Salih, C Leithner, G Bohner, C J Ploner
- 1084** Double bubble sign
H-C Yang, S-J Chen, K-L Liu
- 1084** A misleading chest plain radiograph acquired after the return of spontaneous circulation
Y-C Lee, Z-S Yen, M-J Hsieh, C-C Fang, S-C Chen