



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: © 2012 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

- 171 Highlights from this issue
G Hughes

Editorial

- 172 Designing out violence and aggression
G Hughes

Review

- 173 Diagnostic accuracy of nitroglycerine as a 'test of treatment' for cardiac chest pain: a systematic review
K Grailey, P P Glasziou

Original articles

- 177 Availability and utilisation of physician-based pre-hospital critical care support to the NHS ambulance service in England, Wales and Northern Ireland



P Hyde, R Mackenzie, G Ng, C Reid, G Pearson

- 182 Transporting major trauma patients from the margins of a UK trauma system
T Nutbeam, A Leaman, P Oakley

- 184 Is routine coagulation testing necessary in patients presenting to the emergency department with chest pain?
D Martin, I Beardsell

- 188 Cardioversion of acute atrial fibrillation in the emergency department: a prospective randomised trial
A Bellone, M Eteri, M Vettorello, C Bonetti, D Clerici, G Gini, C Maino, M Mariani, A Natalizi, I Nessi, A Rampoldi, L Colombo

- 192 Addition of a general practitioner to the accident and emergency department: a cost-effective innovation in emergency care
J E Bosmans, A J Boeke, M E van Randwijck-Jacobze, S M Grol, M H Kramer, H E van der Horst, M W van Tulder

- 197 Application of the 2007 NICE guidelines in the management of paediatric minor head injuries in a UK emergency department
R Ghosh, E Docherty, S Schickerling, P Heinz, G Campbell-Hewson, A Boyle

- 201 Disparities in opioid prescribing for patients with psychiatric diagnoses presenting with pain to the emergency department
L J Simon, A N Bizamcer, C W Lidz, S Stefan, M J Pletcher

- 205 High rates of injured motorcycle drivers in emergency rooms and the association with substance use in Porto Alegre, Brazil
T C Breitenbach, F Pechansky, D Benzano, R De Boni

- 208 Does integrated emergency care reduce mortality and non-elective admissions? a retrospective analysis
A Boyle, J Fuld, V Ahmed, T Bennett, S Robinson

- 213 Characteristics of high-echoic objects in the hepatic vessels of patients with cardiopulmonary arrest: a prospective cohort study
S Arata, J Suzuki, Y Moriwaki, N Suzuki, M Iwashita, M Sugiyama, S Morita

- 219 The 4-h target: an example of destructive goal pursuit?
R D Hardern

- 222 Symptoms and responses to critical incidents in paramedics who have experienced childhood abuse and neglect
R G Maunder, J Halpern, B Schwartz, M Gurevich

- 228 Utilisation of an embedded specialist nurse and collaborative care pathway increases potential organ donor referrals in the emergency department
J Garside, M Garside, S Fletcher, B Finlayson

- 233 Interhospital variation in the RATPAC Trial (Randomised Assessment of Treatment using Panel Assay of Cardiac markers)
M Bradburn, S W Goodacre, P Fitzgerald, T Coats, A Gray, T Hassan, J Humphrey, J Kendall, J Smith, P Collinson, On behalf of the RATPAC Research Team

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>

C O P E

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.

Prehospital care

- 239** Body temperature of trauma patients on admission to hospital: a comparison of anaesthetised and non-anaesthetised patients
A Langhelle, D Lockety, T Harris, G Davies
- 243** Performance measurement in British Helicopter Emergency Medical Services and Australian Air Medical Services
N Simpson, B Bartley, A R Corfield, S Hearn

Reflections on prehospital care

- 247** Fatal disconnection of a ventricular assist device in an out-of-hospital setting
D Bischof, K Graves, M Genoni, A Zollinger, C K Hofer

Short report

- 249** Flying doctor emergency airway registry: a 3-year, prospective, observational study of endotracheal intubation by the Queensland Section of the Royal Flying Doctor Service of Australia
M Le Cong

Best Evidence Topic reports

S D Carley

- 251** BET 1: Is intravenous adenosine effective and safe in patients presenting with unstable paroxysmal supraventricular tachycardia?
A Gebriel, S Hawes

- 254** BET 2: Early nasogastric feeding indicated for severe acute pancreatitis
I Correia, D Drake

- 256** BET 3: Is rocuronium as effective as succinylcholine at facilitating laryngoscopy during rapid sequence intubation?
A Herbstritt, K Amarakone

- 258** BET 4: Is physical exam and laboratory data sufficient to exclude intra-abdominal injury in the paediatric trauma patient?
D Orwig, J DeCou

Miscellanea

- 261** Short answer questions (SAQs)
- 264** Sophia

Images in emergency medicine

- 181** Bilateral hip pain as presentation of multiple myeloma
W-J Lee, W Wu
- 218** Usefulness of multiplanar reformation imaging to differentiate minute pneumothorax from perihepatic free air
Y Yanagawa, H Miyawaki
- 238** Upper extremity deep venous thrombosis.... can you spot the culprit?
B J Sieniewicz, S McCabe