

Ellen J Weber (USA)

Deputy Editors

Steve Goodacre Acute Medicine (UK) Ian Maconochie Paediatric Emergency Medicine (UK)

Associate Editors

Teri Reynolds Global Health (USA) Mary Dawood Emergency Nursing (UK) Paul Middleton (Australia) Prehospital Care and Resuscitation Simon Carley Social Media Editor (UK)

Editorial Office

BMJ Publishing Group Ltd, BMA House, Tavistock Square, London WC1H 9JR, UK

T: +44 (0)20 7383 6909 F: +44 (0)20 7383 6668 E: emjeditorial@bmj.com

ISSN: 1472-0205 (print) ISSN: 1472-0213 (online) Impact factor: 1.645

Disclaimer: Emergency Medicine Journal is owned and published by the College of 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

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

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: © 2014 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 Techset, Chennai, India and printed in the UK on acid-free paper.

Emergency Medicine Journal (ISSN No1472-0205) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to Emergency Medicine Journal, Air Business Ltd. c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Primary survey

175 Highlights from the issue S Goodacre

Commentary

Trial registration: must take place before or at the onset of enrolment

S Condacro

Original articles

177

Intravenous paracetamol versus dexketoprofen versus morphine in acute mechanical low back pain in the emergency department: a randomised double-blind controlled trial C Eken, M Serinken, H Elicabuk, E Uyanik, M Erdal

- Intravenous paracetamol versus dexketoprofen in acute migraine attack in the emergency department: a randomised clinical trial I Turkcuer, M Serinken, C Eken, A Yilmaz, Ö Akdag, E Uyanık, C Kiray, H Elicabuk
- **186** Association of out-of-hospital advanced airway management with outcomes after traumatic brain injury and hemorrhagic shock in the ROC hypertonic saline trial

H E Wang, S P Brown, R D MacDonald, S K Dowling, S Lin, D Davis, M A Schreiber, I Powell, R van Heest, M Daya

192 Developing a multidisciplinary approach within the ED towards domestic violence presentations

S Basu, G Ratcliffe

196 Screening methods to detect child maltreatment: high variability in Dutch emergency departments

> EMMH van Konijnenburg, AH Teeuw, S A Zwaard, J H van der Lee, R R van Rijn

201 Mortality and morbidity after high-dose methylprednisolone treatment in patients with (3) acute cervical spinal cord injury: a propensitymatched analysis using a nationwide administrative database

> H Chikuda, H Yasunaga, K Takeshita, H Horiguchi, H Kawaguchi, K Ohe, K Fushimi, S Tanaka

207 Association between ASA grade and complication rate in patients receiving procedural sedation for relocation of dislocated hip prostheses in a UK emergency department N Dawson, A Dewar, A Gray, A Leal, on behalf of the Emergency Medicine Research Group, Edinburgh **210** Features and predictors of myocardial injury in carbon monoxide poisoned patients Y S Cha, K C Cha, O H Kim, K H Lee, S O Hwang, H Kim

216 Comparison of resident and mid-level provider productivity in a high-acuity emergency department setting

> K Hamden, D Jeanmonod, D Gualtieri, R Ieanmonod

Prehospital care

220 Ambulance call-outs and response times in Birmingham and the impact of extreme weather and climate change

I E Thornes, P A Fisher, T Rayment-Bishop, C Smith

Are physicians required during winch rescue missions in an Australian helicopter emergency medical service?

> P B Sherren, C Hayes-Bradley, C Reid, B Burns, K Habig

233 The delivery of the new prehospital emergency medicine curriculum: reflections on a pilot programme in the UK

C McQueen, M Wyse

Short report

238 How emergency physicians use biomarkers: insights from a qualitative assessment of script concordance tests

> Y-E Claessens, S Wannepain, S Gestin, X Magdelein, E Ferretti, M Guilly, B Charlin, T Pelaccia

> > MORE CONTENTS ▶



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



This article has been made freely available online under the BMJ Journals Open Access scheme.

See http://emj.bmj.com/site/about/guidelines.xhtml#open



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

www.publicationethics.org.uk





Review

242 Current state of knowledge of post-traumatic stress, sleeping problems, obesity and cardiovascular disease in paramedics

S Hegg-Deloye, P Brassard, N Jauvin, J Prairie,
D Larouche, P Poirier, A Tremblay, P Corbeil

Best Evidence Topic Reports

- Towards evidence-based emergency medicine:
 Best BETs from the Manchester Royal Infirmary
 K C Mackway-Jones
- **248** BET 1: is routine nasogastric decompression indicated in small bowel occlusion? *M Paradis*
- **249** BET 2: is there value in testing troponin levels after icd discharge?

 C Targett
- **251** BET 3: can metronomes improve CPR quality? *C Targett*

Images in emergency medicine

191 When PE is 'in transit'

R Bansal, K Keshava, P Vaghasia, P Bondalapati, A Saleh, H B Grosu

- **232** Tension pneumothorax with adhesions in interstitial lung disease *N Roberts, S Ireland*
- 257 Polymethylmethacrylate cement pulmonary embolism and infarct

A C Stevens

259 Diverticular perforation: an unusual cause of subcutaneous emphysema

T Wiles, R Mullett, M Chadwick

260 Calcichew tablet causing oesophageal obstruction and aspiration pneumonia *B Lovell*

PostScript

255 Letters

256 Correction



