

Editor in Chief
Ellen J Weber (USA)

Deputy Editor

lan Maconochie Paediatric Emergency Medicine (UK)

Associate Editors

Richard Body
Acute Medicine (UK)
Simon Carley
Social Media Editor (UK)
Mary Dawood
Emergency Nursing (UK)
Paul Middleton
Prehospital Care and Resuscitation (AUS)
Dawn Teare
Statistical Consultant (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 Twitter: @EmergencyMedBMJ

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

Impact factor: 1.843

Disclaimer: EMJ is owned and published by the Royal 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 EMJ.

EMJ 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.

EMJ 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 EMJ or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they change to rely on

Copyright: © 2015 BMJ Publishing Group Ltd and the Royal 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 EMJ.

EMJ 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.

Contents Volume 33 Issue 1 | EMJ January 2016

Primary survey

1 Highlights from this issue *M Dawood*

Editorial

Assessing geriatric vulnerability for post emergency department adverse outcomes: challenges abound while progress is slow *U Hwang, C Carpenter*

Original articles

- Predicting older adults who return to the hospital or die within 30 days of emergency department care using the ISAR tool: subjective versus objective risk factors B Suffoletto, T Miller, R Shah, C Callaway, D M Yealy
- THE STORM (acute coronary Syndrome in paTients end Of life and Risk assesMent) study C Moretti, G Quadri, F D'Ascenzo, M Bertaina, F Giusto, S Marra, C Moiraghi, L Scaglione, M Torchio, G Montrucchio, M Bo, M Porta, P Cavallo Perin, C Marinone, F Riccardini, J Iqbal, P Omedè, S Bergerone, F Veglio, F Gaita
- 17 The prevalence, risk factors and short-term outcomes of delirium in Thai elderly emergency department patients

J Sri-on, G P Tirrell, A Vanichkulbodee, S Niruntarai, S W Liu

23 Serial sampling of copeptin levels improves diagnosis and risk stratification in patients presenting with chest pain: results from the CHOPIN trial

N A Marston, K S Shah, C Mueller, S-X Neath, R H Christenson, J McCord, R M Nowak, L B Daniels, J E Hollander, F Apple, J Nagurney, D Schreiber, C deFilippi, D Diercks, A Limkakeng, I S Anand, A HB Wu, A S Jaffe, W F Peacock, A S Maisel

30 Utility analysis of management strategies for suspected subarachnoid haemorrhage in patients with thunderclap headache with negative CT result

X Wu, V B Kalra, D Durand, A Malhotra

37 National early warning score at Emergency Department triage may allow earlier identification of patients with severe sepsis and septic shock: a retrospective observational study

> JW Keep, AS Messmer, R Sladden, N Burrell, R Pinate, M Tunnicliff, E Glucksman

42

Diagnostic performance of S100B protein serum measurement in detecting intracranial injury in children with mild head trauma

S Manzano, I B Holzinger, C J Kellenberger, L Lacroix, D Klima-Lange, M Hersberger, G L Scala, S Altermatt, G Staubli

Non-urgent accident and emergency department use as a socially shared custom: a qualitative study

S K Beache, C Guell

52 Why is it so difficult to recruit patients to research in emergency care? Lessons from the AHEAD study

R Johnson, M Kuczawski, S Mason

Prehospital care

57 Ethical, legal and professional issues arising from social media coverage by UK Helicopter Emergency Medical Services

S Steele, C Adcock, A Steel

Review

61 Unplanned, urgent and emergency care: what are the roles that EMS plays in providing for older people with dementia? An integrative review of policy, professional recommendations and evidence

M Buswell, P Lumbard, L Prothero, C Lee, S Martin, J Fleming, C Goodman

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





SAQs

Short answer question: a distracting ECG K Lyddon, M Thevendra

Short report

Female perineal injuries in children and adolescents presenting to a paediatric emergency department

> D Roland, G Lewis, R Rowlands, E Davidson, F Davies

Best evidence topic reports

Towards evidence-based emergency medicine: best BETs from the Manchester Royal Infirmary K Mackway-Jones

- **76** BET 1: silibinin in suspected amatoxincontaining mushroom poisoning G Lacombe, M St-Onge
- 77 BET 2: is ST elevation in aVR a sure sign of left main coronary artery stenosis? N Morris, R Body

Global Emergency Medicine Highlights

Abstracts from international Emergency Medicine journals

Image challenge

The unusual reason of the hand injury: sneeze A Sarihan, Ç Can, M Bulut



