



Editor in Chief
Professor R Mark Beattie

Deputy Editors
Patrick Carlidge (*Commissioning*)
Imti Choonara (*Drug Therapy*)
Ben Stenson (*Fetal & Neonatal*)
Ian Wacogne (*Education & Practice*)

Senior Editor
Martin Ward Platt

Editorial Office
Archives of Disease in Childhood
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: info.adc@bmj.com
Twitter: @ADC_BMJ

Production Editor
Malcolm Smith
E: production.adc@bmj.com
ISSN: 0003-9888 (print)
ISSN: 1468-2044 (online)

Impact factor: 3.231
Journal of the Royal College of Paediatrics and Child Health

Disclaimer: ADC is published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the Royal College of Paediatrics and Child Health. The owners grant editorial freedom to the Editor of ADC. ADC 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.

ADC 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, the Royal College of Paediatrics and Child Health 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 ADC 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 © 2016 BMJ Publishing Group Ltd and Royal College of Paediatrics and Child Health. 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 prior permission.

ADC is published by BMJ Publishing Group Ltd, typeset by Nova Techset Private Limited, Bengaluru & Chennai, India and printed in the UK on acid-free paper from sustainable forests.

ADC (ISSN No: 0003-9888) is published monthly by BMJ Publishing Group Ltd and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431 and additional mailing offices. POSTMASTER: send address changes to Archives of Disease in Childhood, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Atoms

i Highlights from this issue
R M Beattie

Editorials

- 1 Mid-upper arm circumference (MUAC): new applications for an old measure
J J Reilly
- 2 Sepsis kills: suspect it, recognise it and be prompt with treatment
H-J Lang, R C Tasker

Leading articles

- 5 Whole population integrated child health: moving beyond pathways
R E Klaber, M Blair, C Lemer, M Watson
- 8 Young adults with paediatric liver disease: future challenges
A Dhawan, M Samyn, D Joshi

Original articles

- 10 Anthropometric measures are simple and accurate paediatric weight-prediction proxies in resource-poor settings with a high HIV prevalence
K C Whitfield, R Wozniak, M Pradimik, C D Karakochuk, G Anabwani, Z Daly, S M MacLeod, C P Larson, T J Green
- 17 Comparison of peripheral and central capillary refill time in febrile children presenting to a paediatric emergency department and its utility in identifying children with serious bacterial infection
E de Vos-Kerkhof, T Krećinic, Y Vergouwe, H A Moll, R G Nijman, R Coostenbrink
- 22 Predictors of fever-related admissions to a paediatric assessment unit, ward and reattendances in a South London emergency department: the CABIN 2 study
A L Bustinduy, I C Ster, R Shaw, A Irwin, J Thiagarajan, R Beynon, S Ladhani, M Sharland, for the CABIN network

- 29 Developmental trajectories in children with prolonged NICU stays
D Subedi, M D DeBoer, R J Scharf
- 35 Obesity in adolescents with chronic fatigue syndrome: an observational study
T Norris, K Hawton, J Hamilton-Shield, E Crawley
- 40 Long-term cardiovascular outcome following fetal anaemia and intrauterine transfusion: a cohort study
A H Wallace, S R Dalziel, B R Cowan, A A Young, K L Thornburg, J E Harding
- 46 Estimating the weight of ethnically diverse children attending an Australian emergency department: a prospective, blinded, comparison of age-based and length-based tools including Mercy, PAWPER and Broselow
F O'Leary, B John-Denny, K McGarvey, A Hann, I Pegiazoglou, J Peat



MORE CONTENTS ►

The content of Archives of Disease in Childhood is endorsed by the Royal College of Paediatrics and Child Health for Continued Professional Development in line with RCPCH CPD guidelines



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://adc.bmj.com/site/about/guidelines.xhtml#open>



An article carrying this symbol denotes that it has been selected for press release



Member since 2008
JM00014

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

Drug therapy

- 53** Licensed medicines, off-label use or evidence-based. Which is most important?
M Bonati, E Jacqz-Aigrain, I Choonara
- 54** Getting the dose right for obese children
B J Anderson, N H G Holford
- 56** Are antihistamines effective in children? A review of the evidence
P De Bruyne, T Christiaens, K Boussey, E Mehuys, M Van Winckel
- 61** Prescribing in obese children: how good are paediatricians?
H Collier, M Nasim, A Gandhi
- 63** Therapeutic efficacy and safety of ACE inhibitors in the hypertensive paediatric population: a review
E Snauwaert, J V Walle, P De Bruyne

Global child health

- 72** Challenges in reducing group B *Streptococcus* disease in African settings
Y Nishihara, Z Dangor, N French, S Madhi, R Heyderman

Guideline

- 78** Post-exposure prophylaxis guidelines for children and adolescents potentially exposed to HIV
A Bamford, G Tudor-Williams, C Foster

Reviews

- 84** Genetic disorders of surfactant protein dysfunction: when to consider and how to investigate
A Gupta, S L Zheng

- 91** Recent developments in the detection and management of acute kidney injury
J McCaffrey, A K Dhakal, D V Milford, N J A Webb, R Lennon

- 97** Early and long-term outcome of infants born extremely preterm
S Johnson, N Marlow

- 103** Bridging the gap: the assessment and treatment of adolescent personality disorder in routine clinical care
C Sharp

Archimedes

- 110** Towards evidence based medicine for paediatricians
B Phillips
- 110** Question 1: What is the best therapy for children with Kawasaki disease who fail to respond to initial intravenous immunoglobulin?
T J van Hasselt, I D Wacogne
- 113** Question 2: Is permissive hypercapnia beneficial to preterm infants?
M Omer, E J Molloy

Miscellanea

- 4** Images in paediatrics: Pneumatosis intestinalis
- 16** Images in paediatrics: Ulcerative skin lesions following varicella infection
- 28** Archivist: An effective treatment for autism
- 39** Archivist: Cardiac arrest outcomes and the weekend effect
- 108** Correction
- 109** Images in paediatrics: Kohler's disease: an unusual cause for a limping child
- 116** Lucina: Highlights from the literature

