

Editor-in-Chief

R Mark Beattie

Deputy Editors

Patrick Cartlidge (Commissioning Editor) Imti Choonara (Drug Therapy) Peter Hoyer (EAP) lan Wacogne (E&P) Martin Ward Platt (FNN)

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: archdischild@bmjgroup.com

ISSN: 0003-9888 (print) ISSN: 1468-2044 (online) **Impact factor: 2.88**

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, the Royal College of Paediatrics and Child Health or the BMA unless otherwise specifi ed or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group 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 © 2013 BMJ Publishing Group 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 Techset, and printed in the UK on acid-free paper from sustainable forests.

ADC (ISSN No: 0003-9888) is published monthly by BMJ Publishing Group 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

Contents

i Highlights from this issue R M Beattie

Editorials

- Infertility treatment at the edge: discovery and risk converge at the limits of knowledge M I Davies
- 90 Combating antibiotic resistance: the war on error D Isaacs, D Andresen

Original articles

- Asthma in Swedish children conceived by in vitro fertilisation B Källén, O Finnström, K-G Nygren, P O Olausson
- 97 Extracoronary echocardiographic findings as predictors of coronary artery lesions in the initial phase of Kawasaki disease . I C Lega, A Bozio, R Cimaz, M Veyrier, D Floret, C Ducreux, P Reix, S D Filippo
- 103 Effect of hyperventilation on rate corrected QT interval of children A Kannivelu, V Kudumula, V Bhole
- 107 Light drinking in pregnancy and mid-childhood mental health and learning outcomes **(a)** K Sayal, E S Draper, R Fraser, M Barrow, G D Smith, OPEN ACCESS R Grav
- Bronchodilator responsiveness using spirometry in healthy and asthmatic preschool children L M Borrego, J Stocks, I Almeida, S Stanojevic, J Antunes, P Leiria-Pinto, J E Rosado-Pinto, A-F Hoo
- 118 Perinatal and neonatal predictors of developmental

coordination disorder in very low birthweight children

I G Zwicker, S W Yoon, M MacKay, I Petrie-Thomas, M Rogers, A R Synnes

- Deaths in childhood from cystic fibrosis: 10-year analysis from two London specialist centres D S Urguhart, L P Thia, J Francis, S A Prasad, C Dawson, C Wallis, I M Balfour-Lynn
- 128 Chronic effects of ambient air pollution on lung function among Chinese children Y Gao, E Y Y Chan, L P Li, Q Q He, T W Wong

Case reports

- Bronchial balloon occlusion in children with complex pulmonary air leaks C Hathorn, N Armitage, D Wensley, M Seear
- Neuroendocrine cell hyperplasia of infancy: a prospective follow-up of nine children H Lukkarinen, A Pelkonen, J Lohi, K Malmström, L P Malmberg, M Kajosaari, H Lindahl, A Föhr, O Ruuskanen, M J Mäkelä

Global child health

- Community-acquired neonatal and infant sepsis in developing countries: efficacy of WHO's currently recommended antibiotics—systematic review and meta-analysis
 - L Downie, R Armiento, R Subhi, J Kelly, V Clifford, T Duke
- 155 The cost effectiveness of treating paediatric cancer in low-income and middle-income countries: a case-study approach using acute lymphocytic leukaemia in Brazil and Burkitt lymphoma in Malawi N Bhakta, A L C Martiniuk, S Gupta, S C Howard

PostScript

162 Letters

Miscellanea

- Archivist: De novo mutations and severe nonsyndromic intellectual disability
- Archivist: Violence against children with 135 disabilities
- 145 Images in paediatrics: Hepatic abscess: presentation in a previously healthy teenager R M Hegarty, S Sanka, S Bansal
- Images in paediatrics: Glossal hamartoma in 161 tuberous sclerosis S Amin, F J K O'Callaghan
- Lucina: Highlights from the literature 166

Receive regular table of contents by email. Register using this QR code.





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



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

www.publicationethics.org.uk

