



Cover image: Influenza virus, 1918.  
Courtesy of CDC/SPL

#### Editor-in-Chief

Howard Bauchner

#### Deputy Editors

Patrick Cartledge  
Imti Choonara  
Martin Ward Platt

#### Commissioning Editor

Patrick Cartledge

#### Perspectives Editor

Ieuan Hughes

#### Editorial Office

Archives of Disease in Childhood  
BMJ Publishing Group Ltd

BMA House  
Tavistock Square  
London WC1H 9JR, UK

T: +44 (0)20 7383 6331

F: +44 (0)20 7383 6668

E: [archdischild@bmjgroup.com](mailto:archdischild@bmjgroup.com)

ISSN: 0003-6888 (print)

ISSN: 1468-2044 (online)

#### Impact factor 2.786

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 specified 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 Heart 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** © 2009 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 The Charlesworth Group, and printed in the UK on acid-free paper from sustainable forests by Cambrian Printers Limited, Aberystwyth, UK.

ADC (USPS No: 002-424) is published monthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318. Periodicals postage paid at Emigsville, PA. POSTMASTER: send address changes to Archives of Disease in Childhood, PO Box 437, Emigsville, PA 17318-0437, USA.

## Contents

Volume 94 Number 5 | ADC May 2009

### Atoms

i *H Bauchner*

### Leading articles

- 329** A way to restore British paediatricians' engagement with child protection  
*B Mathews, H Payne, C Bonnet, D Chadwick*
- 333** The search for new asthma phenotypes  
*J Henderson, R Granell, J Sterne*

### Original articles

- 337** Changes in clinical indications for community antibiotic prescribing for children in the UK from 1996 to 2006: will the new NICE prescribing guidance on upper respiratory tract infections just be ignored?  
*P L Thompson, N Spyridis, M Sharland, R E Gilbert, S Saxena, P F Long, A P Johnson, I C K Wong*

- 341** Problem behaviours and parenting in preschool children with cystic fibrosis  
*C Ward, J Massie, J Glazner, J Sheehan, L Canterford, D Armstrong, A Jaffe, H Hiscock*

- 348** Emergency management of children with severe sepsis in the United Kingdom: the results of the Paediatric Intensive Care Society sepsis audit  
*D P Inwald, R C Tasker, M J Peters, S Nadel, on behalf of the Paediatric Intensive Care Society Study Group (PICS-SG)*

- 354** Prospective parental consent for autopsy research following sudden unexpected childhood deaths: a successful model  
*S Thayyil, N J Robertson, A Scales, M A Weber, T S Jacques, N J Sebire, A M Taylor, on behalf of the MaRIAS (Magnetic Resonance Imaging Autopsy Study) Collaborative Group*

- 359** The viral aetiology of croup and recurrent croup  
*S R Wall, D Wat, O B Spiller, C M Gelder, S Kotecha, I J M Doull*

- 361** Deriving temperature and age appropriate heart rate centiles for children with acute infections  
*M Thompson, A Harnden, R Perera, R Mayon-White, L Smith, D McLeod, D Mant*

- 366** Effect of adenoidectomy on respiratory function: a randomised prospective study  
*P S Mattila, S Hammarén-Malmi, A S Pelkonen, L P Malmberg, M J Mäkelä, H Saxen, J Tarckanen*

- 371** Clinical teaching in paediatrics: understanding perceptions, motives and concerns  
*R E Klaber, I Pollock*

- 376** Incidence and clinical features of Langerhans cell histiocytosis in the UK and Ireland  
*J A Salotti, V Nanduri, M S Pearce, L Parker, R Lynn, K P Windebank*

- 381** Long-term skin scarring and orthopaedic sequelae in survivors of meningococcal septic shock  
*C M P Buysse, A P Oranje, E Zuidema, J A Hazelzet, W C J Hop, A F Diepstraten, K F M Joosten*

- 387** Therapeutic hypothermia can be induced and maintained using either commercial water bottles or a "phase changing material" mattress in a newborn piglet model  
*S Iwata, O Iwata, L Olson, A Kapetanakis, T Kato, S Evans, Y Araki, T Kakuma, T Matsuishii, F Setterwall, H Lagercrantz, N J Robertson*

### Short reports

- 392** BCG protects toddlers during a tuberculosis outbreak  
*J T Gaensbauer, M Vandaleur, M O'Neil, A Altaf, M Ni Chróinín*
- 394** Benign recurrent sixth (abducens) nerve palsies in children  
*N R Mahoney, G T Liu*

### Global child health

- 397** The rights of Indigenous children around the world – still far from a reality  
*S L Woolley*

### Review

- 401** Therapeutic recreation camps: an effective intervention for children and young people with chronic illness?  
*D A Walker, D Pearman*

### PostScript

- 407** Letter
- 407** Correction

### Miscellanea

- 408** Lucina

### Images in paediatrics

- 347** MRI elucidates unusual cranial mass  
*A More, T Jaspan, W P Whitehouse*
- 365** Recurrent diabetic ketoacidosis in an adolescent  
*S Muralidharan, V Datta, V Palanivel*



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://adc.bmj.com/info/unlocked.dtl>



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

[www.publicationethics.org.uk](http://www.publicationethics.org.uk)



When you have finished with this magazine please recycle it.