

**Editor in Chief**

Nick Brown

**Deputy Editors**Patrick Cartlidge (*Commissioning*)Beri Stenson (*Fetal & Neonatal*)Ian Wacogne (*Education & Practice*)**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](mailto:info.adc@bmj.com)

Twitter: @ADC\_BMJ

**Production Editor**

Malcolm Smith

E: [production.adc@bmj.com](mailto:production.adc@bmj.com)

ISSN: 0003-9888 (print)

ISSN: 1469-2044 (online)

**Impact factor: 3.265**

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** © 2018 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 Exor Promedia Services Private Ltd, 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, 146<sup>th</sup> Avenue, 2nd Floor, Jamaica, NY 11434, USA

**Atoms**

- i** Highlights from this issue  
*N Brown*

**Editorials**

- 117** A forward view for child health: integrating across the system to improve health and reduce hospital attendances for children and young people  
*R M Viner, D S Hargreaves*

- 119** Sleep, if you can  
*H Leonard*

**Leading articles**

- 121** Highs and lows of diabetic care: lessons from a national audit  
*J T Warner*

- 125** RCPCH invited reviews of services: how they can help  
*S Eardley, D Shortland*

**Original articles**

- 128** The impact of out-of-hospital models of care on paediatric emergency department presentations  
*R M Viner, F Blackburn, F White, R Maimie, T Parr, S Nelson, C Lemer, A Riddell, M Watson, F Cleugh, M Heys, D S Hargreaves*

- 137** Sleep disturbance in family caregivers of children who depend on medical technology  
*K Keilty, E Cohen, K Spalding, E Pullenayegum, R Siremler*

- 143** Effect of childhood coeliac disease on ninth grade school performance: evidence from a population-based study  
*F Namatovu, M Strandh, A Ivarsson, K Nilsson*

- 149** Overweight and obese children do not consult their general practitioner more often than normal weight children for musculoskeletal complaints during a 2-year follow-up  
*J van Leeuwen, M van Middelkoop, W D Paulis, H J Bueving, P J E Bindels, B W Koes*

**Adolescent health**

- 155** Clinical and cost-effectiveness of the Lightning Process in addition to specialist medical care for paediatric chronic fatigue syndrome: randomised controlled trial  
*E M Crawley, D M Gaunt, K Garfield, W Hollingworth, J A C Sterne, L Beasant, S M Collin, N Mills, A A Montgomery*

**Quality improvement**

- 165** Dedicated paediatric Outpatient Parenteral Antimicrobial Therapy medical support: a pre-post observational study  
*A O Mace, C McLeod, D K Yeoh, J Vine, Y-P Chen, A C Martin, C C Blyth, A C Bowen*

**Global child health**

- 170** Health-related quality of life in infants and toddlers with congenital heart disease: a cross-sectional survey from South India  
*M Raj, A Sudhakar, R Roy, S Soman, L Antony, B Champaneri, R K Kumar*

- 176** Integrating primary eye care into global child health policies  
*A N J Malik, M Mafwiri, C Gilbert*

**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>



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.

**Reviews**

- 181** Maximising paediatricians' roles in improving children's oral health: lessons from Leicester  
*J Murphy, R Moore*
- 186** Portal hypertension and its management in children  
*T Grammatikopoulos, P J McKiernan, A Dhawan*
- 192** Liver transplantation in children: state of the art and future perspectives  
*R Kohli, M Cortes, N D Heaton, A Dhawan*

**Archimedes**

- 200** Towards evidence-based medicine for paediatricians  
*B Phillips*
- 200** Question 1: Are topical or oral antibiotics best for treating tympanostomy tube otorrhoea?  
*W Ahmed, I Syed, S Siddiq, D Allin, D Alben*
- 203** Question 2: Is vitamin D useful in the treatment of growing pains?  
*B McNaughten, L Speirs, P Moriarty, A Thompson*

**Miscellanea**

- 120** Archivist: More new treatments for cystic fibrosis
- 127** Images in paediatrics: Shock due to faecal impaction
- 164** Images in paediatrics: Insect bites and fever: what is your diagnosis?
- 185** Images in paediatrics: The brains of children with developmental coordination disorder
- 199** Images in paediatrics: Rare worm in an infant's nappy
- 206** Lucina: Highlights from the literature

**Electronic pages**

- e1** Abstracts: Neonatal and Paediatric Pharmacists Group 23rd Annual Conference
- e2** Abstracts: Neonatal and Paediatric Pharmacists Group 22nd Annual Conference



Dru

In

tre

Dru

of, a

dise

W

•

•

•

•

•

Join



B