



Editor in Chief
Nick Brown

Senior Editor
Rachel Agbeko

Deputy Editors
Patrick Cartledge (*Commissioning*)
Claire Lemer (*Commissioning*)
Ben 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
E: info.adc@bmj.com
Twitter: @ADC_BMJ

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

Impact factor: 3.158
Journal of the Royal College of
Paediatrics and Child Health

Disclaimer: The Editor of *ADC* has been granted editorial freedom and *ADC* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *ADC* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *ADC* does not imply endorsement. Neither *RCPC* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *ADC* (except for liability which cannot be legally excluded).

Copyright © 2020 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 Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper from sustainable forests.

ADC (ISSN No: 0003-9888) 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 WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Contents

Volume 105 Issue 3 | **ADC** March 2020

Atoms

- i Highlights from this issue
Nick Brown

Editorial

- 209 Lessons from demographic and health surveys on child health and the sustainable development goals: call for papers
T Duke

Leading articles

- 211 Children with complex health needs and personal health budgets
H Leonard
- 213 Second medical opinions in paediatric practice: proposals for a framework for best practice
V Larcher, J Brierley
- 216 Two centuries of immunisation in the UK (part II)
S Lang, S Loving, N D McCarthy, M E Ramsay, D Salisbury, A J Pollard

Global child health

- 223 Intimate partner violence and childhood illnesses in Cambodia: a cross-sectional study
M K Nakphong, O S von Ehrenstein
- 229 Rojiroti microfinance and child nutrition: a cluster randomised trial
S Ojha, L Szatkowski, R Sinha, G Yaron, A Fogarty, S J Allen, S Choudhary, A R Smyth

Original research

- 236 Nebulised hypertonic saline in moderate-to-severe bronchiolitis: a randomised clinical trial
R Jaquet-Pilloud, M-E Verga, M Russo, M Gehri, J-Y Pauchard
- 241 Delphi method to identify expert opinion to support children's cancer referral guidelines
M J Murray, A Ruffe, S Lewis, L Howell, D Shanmugavadivel, R Dommert, A Gamble, G Shenton, J Nicholson
- 247 Symptom interval and treatment burden for patients with malignant central nervous system germ cell tumours
J Hayden, M J Murray, U Bartels, T Ajithkumar, B Muthusamy, A Penn, G Calaminus, J Nicholson
- 253 Liquid gold: the cost-effectiveness of urine sample collection methods for young precontinent children
J Kaufman, A J Knight, P A Bryant, F E Babl, K Dalziel
- 260 Frequency of urinary tract infection in children with antenatal diagnosis of urinary tract dilatation
M Pennesi, S Amoroso, G Bassanese, S Pintaldi, G Giacomini, E Barbi

- 264 Timing of voiding cystourethrography after febrile urinary tract infection in children: a systematic review
S Mazzi, K Rohner, W Hayes, M Weitz
- 270 Quality of investigations into unexpected deaths of infants and young children in England after implementation of national child death review procedures in 2008: a retrospective assessment
P Fleming, A Pease, J Ingram, P Sidebotham, M C Cohen, R C Coombs, A K Ewer, M Ward Platt, J Fox, D Marshall, A Lewis, C Evason-Coombe, P Blair
- 276 Being 'at-home' on outpatient parenteral antimicrobial therapy (OPAT): a qualitative study of parents' experiences of paediatric OPAT
B Carter, D Fisher-Smith, D Porter, S Lane, M Peak, D Taylor-Robinson, L Bracken, E Carrol
- 282 Behavioural difficulties in early childhood and risk of adolescent injury
A Bandyopadhyay, K Tingay, A Akbari, L Griffiths, H Bedford, M Cortina-Borja, S Walton, C Dezateaux, R A Lyons, S Brophy
- 288 Brain abscess in children, a two-centre audit: outcomes and controversies
V Gilard, K Beccaria, J C Hartley, S Blano, S Marqué, M Bourgeois, S Puget, D Thompson, M Zerah, M Tisdall
- 292 Demand for health services and drug prescriptions among overweight or obese preschool children
M A Ortiz-Pinto, H Ortiz-Marrón, M D Esteban-Vasallo, A Quadrado-Mercadal, D Casanova-Pardomo, M González-Alcón, M Ordoñez-Gavín, I Galán

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 <https://authors.bmj.com/open-access/>



Member since 2008
JM00014



When you have finished with this magazine please recycle it.

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org.uk

Review

- 299** An ecological framework for improving child and adolescent health
C Bem, N Small
-

Archimedes

- 304** Towards evidence-based medicine for paediatricians
B Phillips
- 304** High flow in bronchiolitis, but how high? What flow rates should we use?
F Arshad
- 306** Are macrolides beneficial in treating childhood asthma?
R Lakshman
-

PostScript

- 310** Obesity: unrecognised or avoided? We are missing opportunities to 'make every contact count'
E C Ferguson, E K Stewart, C Hannah, C J Elder

Miscellanea

- 210** Archivist: Global burden of disease and sepsis
- 281** Archivist: Leading change by loosening up
- 298** Images in paediatrics: Rapunzel syndrome: the pathway for a prompt diagnosis
- 302** Images in paediatrics: Haemorrhagic vesicles and varioliform scarring: consider photosensitivity
- 311** Images in paediatrics: Rare and striking complication of Henoch-Schönlein purpura
- 312** Lucina: Highlights from the literature
-

Electronic pages

- e4** Correction: *Paediatric Horner's syndrome: is investigation for underlying malignancy always required?*
- e5** Correction: *Kawasaki disease: a prospective population survey in the UK and Ireland from 2013 to 2015*