



Editor in Chief
Nick Brown

Deputy Editors
Patrick Cartledge (*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: 3.258
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 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 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

Contents

Volume 103 Issue 9 | **ADC** September 2018

Atoms

- i** Highlights from this issue
Nick Brown

Editorials

- 813** Air pollution and asthma
S Vardoulakis, N Osborne
- 814** Pulmonary embolism in childhood: how can we be sure not to miss it?
T T Biss
- 853** Feasibility of using touch screen technology for early cognitive assessment in children
D M Twomey, C Wrigley, C Ahearne, R Murphy, M De Haan, N Marlow, D M Murray
- 859** Paediatric Ebstein's anomaly: how clinical presentation predicts mortality
L M Geerdink, T Delhaas, W A Helbing, G J du Marchie Sarvaas, H ter Heide, L Rozendaal, C L de Korte, P G M Peer, I M Kuipers, L Kapusta

Leading article

- 817** Tobacco control policies in relation to child health and perinatal health outcomes
J V Been, A Sheikh

Global child health

- 820** How to do a postgraduate research project and write a minor thesis
T Duke
- 864** Which observed behaviours may reassure physicians that a child is not septic? An international Delphi study
E Snelson, S Ramlakhan
- 868** A cohort study reporting normal oximetry values in healthy infants under 4 months of age using Masimo technology
H J Evans, A S Karunatilake, S Grantham-Hill, J C Gavlak
- 873** Caregiver experiences of racism and child healthcare utilisation: cross-sectional analysis from New Zealand
S-J Paine, R Harris, J Stanley, D Cormack

Original articles

- 828** Fine particulate pollution and asthma exacerbations
N Bouazza, F Foissac, S Urien, R Guedj, R Carbajal, J-M Tréluuyer, H Chappuy
- 832** Diagnostic accuracy of the D-dimer in children
J Kanis, C L Hall, J Pike, J A Kline
- 835** Clinical characteristics of children evaluated for suspected pulmonary embolism with D-dimer testing
J Kanis, J Pike, C L Hall, J A Kline
- 841** Maternal ADHD symptoms, child ADHD symptoms and broader child outcomes
D Efron, K Furley, A Gulenc, E Siberras
- 847** Chronic tic disorders in children with ADHD
W Poh, J M Payne, A Gulenc, D Efron
- 880** Acceptability of a parental early warning tool for parents of infants with complex congenital heart disease: a qualitative feasibility study
K L Gaskin, J Wray, D J Barron

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/>

COPE

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

equator
network

recycle
When you have finished with this magazine please recycle it.

Short report

- 887** Post-traumatic stress after PICU and corticosteroid use
G Corbet Burcher, M D Picouto, L C Als, M Cooper, C M Pierce, S Nadel, M E Garralda

Reviews

- 891** *Candida auris*, what do paediatricians need to know?
A Warris
- 895** Genomics for paediatricians: promises and pitfalls
C L Hammond, J M Willoughby, M J Parker
- 901** Prevention of rickets and osteomalacia in the UK: political action overdue
S Uday, W Höglér

Archimedes

- 907** Towards evidence-based medicine for paediatricians
B Phillips

- 907** Question 1: In infant botulism, is equine-derived botulinum antitoxin (EqBA) an effective alternative therapy to human-derived botulinum immune globulin (BIG)?
J Moneim

- 910** Question 2: Does heavy metal chelation therapy improve the symptoms of autism spectrum disorder
N C Lagan, J Balfe

Miscellanea

- 846** Images in paediatrics: Hand-foot-mouth disease mimicking diaper dermatitis
- 867** Archivist: Fluid regimes for DKA
- 886** Archivist: Antenatal ultrasound and autism
- 890** Images in paediatrics: Conjunctival xerosis caused by vitamin A deficiency
- 912** Lucina: Highlights from the literature