



Editor in Chief
Nick Brown

Senior Editor
Rachel Agbeko

Deputy Editors
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: 3.041
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 RCPCH 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 © 2021 BMJ Publishing Group Ltd and Royal College of Paediatrics and Child Health. All rights reserved; no part of this publication may be reproduced in any form without 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 (USPS 2424) is published bimonthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *Archives of Disease in Childhood*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR London. Air Business Ltd is acting as our mailing agent

Atoms

i Highlights from this issue
Nick Brown

Editorial

209 Strengthening the case for primary adjunctive corticosteroids for Kawasaki disease
W D Renton, A V Ramanan

Viewpoint

211 Steroid-filled rant: or another fashion accessory?
A Bush, M Levy, L Fleming

212 Are we overdiagnosing obesity in preschool children?
C M Wright



Reviews

215 Implementation of a paediatric early warning system as a complex health technology intervention
H Duncan, A P Hudson

219 Principles of immunisation in children with solid organ transplant
C Kelgeri, D F Kelly, A Brant, M Patel, G L Gupte

Global child health

224 Solar-powered oxygen, quality improvement and child pneumonia deaths: a large-scale effectiveness study
T Duke, F Pulsan, D Panauwe, I Hwailwanje, M Sa'avu, M Kaupa, J Karubi, E Neal, H Graham, R Izadnegahdar, S Donath



231 New screening approach to detecting congenital syphilis in China: a retrospective cohort study
F Hu, S-J Guo, J-J Lu, N-X Hua, Y-Y Song, S-F Lin, S Zhu



238 COVID-19 in Malawi: lessons in pandemic preparedness from a tertiary children's hospital
J Chaziya, B Freyne, S Lissauer, M Nielsen, J Langton, B O'Hare, L Molyneux, C Moxon, P-Y Iroh Tam, L Hoskyns, H Masanjala, S Ilepere, M Ngwira, K Kawaza, D Mumba, Y Chimalizeni, Q Dube, On behalf of Department of Paediatrics, Queen Elizabeth Central Hospital



241 Thiamine-responsive acute severe pulmonary hypertension in exclusively breastfeeding infants: a prospective observational study
U M K Sastry, J M, R K Kumar, S Ghosh, B A P, A Subramanian, A Managuli, M Gangadhara, C N Manjunath

Original research

247 Primary adjunctive corticosteroid therapy is associated with improved outcomes for patients with Kawasaki disease with coronary artery aneurysms at diagnosis
K G Friedman, K Gauvreau, A Baker, M B Son, R Sundel, A Dionne, T Giorgio, S De Ferranti, J W Newburger

253 Cystic fibrosis newborn screening: the importance of bloodspot sample quality
I Doull, C W Course, R E Hanks, K W Southern, J T Forton, L P Thia, S J Moat

258 Long-term oxygen therapy in children with sickle cell disease and hypoxaemia
I Liguoro, M Arigliani, B Singh, D Rees, B P D Inusa, A Gupta

263 Neurodevelopmental status and follow-up in preschool children with heart disease in London, UK
A Hoskote, D Ridout, V Banks, S Kakat, M Lakhanpaul, C Pagel, R CG Franklin, T Witter, R Lakhani, S M Tibby, D Anderson, V Tsang, J Wray, K Brown

272 Pediatric emergency department utilisation during Ramadan: a retrospective cross-sectional study
R D Sawaya, C Wakeil, S Shayya, M Al Hariri, A Dakeessian, A Wazir, M Makki, S Jamali, H Tamim

276 Breaking bad news: what parents would like you to know
M A Brouwer, E L M Maeckelbergh, A van der Heide, I M Hein, E A A E Verhagen



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/>



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



When you have finished with this magazine please recycle it.

Short reports

283 Impact of rituximab on anthropometric indices among childhood steroid-dependent nephrotic syndromes
R Sinha, S Banerjee, A Mukherjee, S Akhtar, S Pradhan

286 Accuracy of cerebrospinal fluid ferritin for purulent meningitis
P C R Garcia, A L M Barcelos, C T Tonial, H H Fiori, P R Einloft, C A D Costa, J L Portela, F Bruno, R G Branco

291 Lung biopsy in children: when is it useful?
C D Chan, A Niyogi, B Jaffray, M Brodli, H Gabra

Quality improvement

294 Initiatives to reduce treatments in bronchiolitis in the emergency department and primary care
M Montejo, N Paniagua, C Saiz-Hernando, L Martinez-Indart, S Mintegi, J Benito

Archimedes

301 Towards evidence-based medicine for paediatricians
B Phillips

301 Should levetiracetam rather than phenobarbitone be the first-line treatment for neonatal seizures?
S Giva, M A Boyle, K M Gorman

303 Does immobilisation improve outcomes in children with Köhler's disease?
R Houlden

Voices

306 Milestones in paediatric cardiology: the first therapeutic cardiac catheterisations
M Mazurak, J Kusa

310 Leaving me speechless: how an early encounter with a doctor influenced my work as a paediatrician

PostScript

311 Non-ketotic hyperglycaemia: a frequent, but poorly diagnosed and managed genetic disorder in Tunisia
F Nasrallah, A Ben Chehida, I Kraoua, S Hadj-Taieb, H Sanhaji, N Tebib, M Feki, N Kaabachi

Miscellanea

252 Archivist: Resilience in research: TORPEDO-CF

282 Images in paediatrics: Secondary syphilis presenting as oral ulcers

289 Images in paediatrics: Unusual case of a hydrocele

300 Archivist: Opioid use in young adults

309 Images in paediatrics: Plantar pain and thickened nails: a genodermatosis

312 Lucina: Highlights from the literature

Electronic pages

e10 Critical paediatric COVID-19: varied presentations but good outcomes
N Lanyon, P du Pré, T Thiruchelvam, S Ray, M Johnson, M J Peters

e11 Testing strategy for SARS-CoV-2 in the paediatric emergency department
M Denina, S Aguzzi, A Versace, R Rossi, G Pruccoli, F Mignone, C Bondone, S Garazzino

e12 PediaVirus chatline: all together against COVID-19
M Iafusco, C Ciampa, F De Maddi, G Palamone, F Quarantiello, G De Luca, C Iannello, S Pisano, A Nocerino, R Russo, F Orlando, D Iafusco, on behalf of the PediaVirus Network

e13 Unlocking children's voices during SARS-CoV-2 coronavirus (COVID-19) pandemic lockdown
A Rowland, D L Cook

e14 Rise in the incidence of abusive head trauma during the COVID-19 pandemic
J Sidpra, D Abomeli, B Hameed, J Baker, K Mankad

e15 Outbreak of anorexia nervosa admissions during the COVID-19 pandemic
Y V Haripersad, M Kannegiesser-Bailey, K Morton, S Skeldon, N Shipton, K Edwards, R Newton, A Newell, P G Stevenson, A C Martin

e16 COVID-19 in children with chronic kidney disease: findings from the UK renal registry
L Plumb, F Benoy-Deeney, A Casula, F E M Braddon, Y Tse, C Inward, S Marks, R Steenkamp, J Medcalf, D Nitsch

e17 Paediatric olfactory dysfunction: a chance to detect COVID-19?
A Hall, C Frauenfelder, C Butler, P Coyle, C Hopkins

e18 Did children 'stay safe'? Evaluation of burns presentations to a children's emergency department during the period of COVID-19 school closures
J A Mann, N Patel, J Bragg, D Roland

e19 Multidisciplinary community paediatric video appointments during COVID-19 pandemic: descriptive study
C E Mount, N Elson, S Ahmad