# Contents

Volume 107 | Issue 5 | ADC May 2022

## Atoms

### Highlights from this issue

**Nick Brown**

## Editorial

### 417 The climate crisis is also a child rights crisis

H Ali, A Firth, A Leaf, C Vlekkenheuvel, D Shanmugavadivel, E Ajayi-Obe, J Halfon, J H Gow, M Thomas, P de Sousa, T Waterston, B O'Hare

## Clinical law for clinical practice

### 419 Religion influencing medical decisions made for children

**R Wheeler**

## Reviews

### 421 Gene therapy for neuromuscular disorders: prospects and ethics

**M M Ryan**

### 427 Adolescent inpatient mental health services in the UK

D Hayes, J Thievendran, M Kyriakopoulou

## Global child health

### 431 Pertussis seroprevalence in mother–infant pairs from India: role of maternal immunisation

R Virewanathan, S Befa, K Patel, S JadHAV, S Kattend, S Mishra, S Maheshwari, H Damle

### 436 Barriers to seeking timely treatment for severe childhood pneumonia in rural Bangladesh

K I A Chowdhury, I Jabeen, M Raimim, A S G Faruque, N H Alam, S Ali, T Ahmad, G J Fuchs, T Duke, N Gyr, H Sarna

### 441 Qualitative assessment of caustic soda injury in Liberia

J Zawolo, K A Cohn, M KawaMP-Baysah, S Wash-Chenoweth, L Choate, A M Vinegar

## Original research

### 444 Is the NICE traffic light system fit-for-purpose for children presenting with undifferentiated acute illness in primary care?

M H Bhim, R Cummings-John, A D Hay, C C Bolter, K Hughes

## Description and evaluation of a pathway for unaccompanied asylum-seeking children

A J Armitage, J Cohen, M Hays, P Hardeld, A Ward, S Eisen

## Looking beyond: complex holistic care needs of Syrian and Iraqi refugee children and adolescents

K Lindsay, G Hanes, R Mutch, E McKinnon, S Cherian

## Secular trends in early motor development between 1980 and 2010 in Japan

K Yeshi, N Michihata, K Hiratsawa, S Nagata, N Moritaki

## Priorities for child health research across the UK and Ireland

K Cathie, A G Sutcliffe, S Bandi, D Coghlan, S W Turner, C Powell

## Treating nontuberculous mycobacteria in children with cystic fibrosis: a multicentre retrospective study

C L Saint, M F Thomas, N Zainal Atidin, R J Langley, M Broduel, P McNamara, NTM Collaborative Group

## Non-collagen pathogenic variants resulting in the osteogenesis imperfecta phenotype in children: a single-country observational cohort study

P Thorley, N Bishop, D Baker, J Brock, P Anandil, C Burrell, S Smalbone, C DVille, B Crowe, J Allgrove, V Saeft, N Shaw, M Balasubramaniam

## Paediatric pneumonia: deriving a model to identify severe disease

S Haggie, E H Barnes, H Selvadurai, H Gunasekera, D A Fitzgerald

---

**Editor in Chief**

Nick Brown

**Senior Editor**

Rachel Agbeko

**Deputy Editors**

Claire Lamer (Commissioning Editor) Ben Stenson (Fetal & Neonatal) Ian Wacloge (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:** 3.801

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 © 2022 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 or 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 biweekly 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 11236. 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 9JR London. Air Business Ltd is acting as our mailing agent.
Short report

497 Paediatric traumatic brain injury severity and acute care costs
S Singh, F E Babl, L Huang, S Hearps, J A Cheek, J S Hoch, V Anderson, K Dalziel

Quality improvement

500 BREATHE interventions (Beating Regional Asthma Through Health Education)—an innovative approach to children's asthma care in the North East and North Cumbria, UK: an interventional study
J K Townshend, S Huils, R Levey, P DeZwart, M McKean, S Moss

Voices

505 Translating results from research into clinical practice
J O Warner

Archimedes

507 Towards evidence-based medicine for paediatricians
B Phillips

507 What is the significance of an accelerated BCG reaction in children?
P Villanueva, L F Peter, C Nourse, N Curtis

512 Are trough tobramycin concentrations taken from a central venous catheter accurate enough to safely use?
H Timothy, G Shenton, M Beedie

PostScript

516 The global state of early child development: from epidemiology to interventions

517 Use of single-dose tocilizumab for treatment of severe COVID-19 in pregnancy: implications for the timing of live infant vaccines
I Burkhardt, E Whittaker

Miscellanea

435 Archivist: Can you treat non-severe tuberculosis with a shorter regimen?

473 Archivist: Readiness to receive major trauma in emergency departments

485 Images in paediatrics: Terry’s nails in an infant with liver cirrhosis

490 Images in paediatrics: Borreial lymphocytoma presentations of the ear

515 Images in paediatrics: Leucoderma and leucotrichia post stem cell transplant

520 Lucina: Highlights from the literature

Electronic page

e25 Abstracts from the Neonatal and Paediatric Pharmacists Conference 2021