



**Editor in Chief**  
Nick Brown

**Senior Editor**  
Rachel Agbeko

**Deputy Editors**  
Claire Lerner (*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](mailto:info.adc@bmj.com)  
Twitter: @ADC\_BMJ

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

**Impact factor:** 3.791  
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**

**833** Gestational age and birth before 40 weeks of gestation  
*N Marlow*

**Review**

**834** School-aged neurodevelopmental outcomes for children born extremely preterm  
*L W Doyle, A Spittle, P J Anderson, J L Y Cheong*

**Clinical law for clinical practice**

**839** Gillick's third facet: where the child and the doctor agree on treatment of gender dysphoria  
*R Wheeler*

**Original research**

**842** Gestational age at birth and child special educational needs: a UK representative birth cohort study  
*N Alterman, S Johnson, C Carson, S Petrou, O Rivero-Arias, J J Kurinczuk, A Macfarlane, E Boyle, M A Quigley*

**849** Microcephaly in Australian children, 2016–2018: national surveillance study  
*C Nunez, A Morris, C A Jones, N Badawi, G Baynam, M Hansen, E J Elliott*

**855** Population-based surveillance of severe microcephaly and congenital Zika syndrome in Canada  
*S K Morris, D S Farrar, S P Miller, M Ofner, A Bitnun, C R M Nelson, M Shevell, A M Moore, J Tataryn, J A Evans, A R Zipursky, C Moore Hepburn*

**862** Telephone-guided self-help for mental health difficulties in neurological conditions: a randomised pilot trial  
*S D Bennett, I Heyman, A E Coughtrey, S Varadkar, T Stephenson, Epilepsy and Mental Health Programme Development Grant Research Group, R Shafran*

**868** Development of an international standard set of patient-centred outcome measures for overall paediatric health: a consensus process  
*B Algrén, J P Ramirez, M Salt, N Sillett, S N Myers, A Alvarez-Cote, N J Butcher, L F Caneo, J A Cespedes, J E Chaplin, K C Ng, J J Garcia-García, J A Hazelzet, A F Klassen, A L R Turquette, E J Mew, M Morris, M Offringa, M O'Meara, J M Papp, C Rodrigo, T L Switaj, C Valencia Mayer, K J Jenkins*

**877** Long-term outcomes in children with absent pulmonary valve syndrome: it is not just fixing the heart  
*K Torok, E Brettell, T Desai, P Miller, N Khan, J Sickey, P Nagakumar, A Seale*

**882** Modelling the determinants of health and cancers as perceived by children: using imagery as a mediator of expression and narration  
*C Gay, M Deyra, P Berland, L Gerbaud, F Pizon*

**888** Antibiotic exposure during pregnancy and childhood asthma: a national birth cohort study investigating timing of exposure and mode of delivery  
*C S Uldbjerg, J E Miller, D Burgner, L H Pedersen, B H Bech*

**Short reports**

**896** What is the risk of missing orbital cellulitis in children?  
*L F Ibrahim, F E Babl, S M Hopper, P A Bryant*

**900** Paediatric severe asthma biologics service: from hospital to home  
*S Makhecha, A Jamalzadeh, S Irving, P Hall, S Sonnappa, S Saglani, A Bush, L Fleming*

**903** Searching for the true attrition rate of UK paediatric trainees  
*M G Redman, D Carzedda, N Jay, S J Clark, M Rogers*

**COVID-19**

**906** Work of a paediatric bioethics centre during the COVID-19 pandemic first phase  
*J Brierley, S Aylett, A MacNiven, M Diitborn*

**911** Indirect effects of the COVID-19 pandemic on paediatric healthcare use and severe disease: a retrospective national cohort study  
*T C Williams, C MacRae, O V Swann, H Haseeb, S Cunningham, P Davies, N Gibson, C Lamb, R Levin, C M McDougall, J McFadzean, I Piper, A Turner, S W Turner, M Van Dijke, D S Urquhart, B Guthrie, R J Langley*

**918** Association between suicide behaviours in children and adolescents and the COVID-19 lockdown in Paris, France: a retrospective observational study  
*M Mourouvaie, H Bottemanne, G Bonny, L Fourcade, F Angoulvant, J F Cohen, L Ouss*

**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](http://www.publicationethics.org)



When you have finished with this magazine please recycle it.

---

**Voices**

- 921** Parenteral nutrition  
*R Pybus, J W Puntis*


---

**Archimedes**

- 923** Towards evidence-based medicine for paediatricians  
*B Phillips*
- 923** Is nasal balloon autoinflation an effective treatment for children with glue ear?  
*K Joshi*
- 925** Can fosfomycin be used for the treatment of Gram-negative urinary tract infections in children?  
*R Purcell, N Wang, A Gwee*

---

**PostScript**

- 929** Widespread concerns still exist in relation to discrimination towards women and girls and FGM  
 *F Gerry, C Proudman, H Ali, J Home, A G Rowland*
- 929** UK second-line paediatric primary ITP therapy analysis  
*B Chaudhury, J Grainger*
- 931** First judgement on clinical ethics committees?  
*T W R Hansen, R Førde*

---

**Miscellanea**

- 841** Images in paediatrics: Infrared thermography in paediatric complex regional pain syndrome
- 854** Archivist: Does the use of short courses of corticosteroids do any harm?
- 876** Archivist: Physical restraint for children who have behavioural health related issues
- 895** Images in paediatrics: Oral pigmentation in children: a diagnostic challenge
- 920** Images in paediatrics: Eyebrow rashes and discolouration of ears: beware of the wolf
- 932** Lucina: Highlights from the literature

---

**Electronic pages**

- e36** I do not want my baby screened for COVID-19  
*D Kelly, N Dal, P Thakker*
- e37** Implications of a highly transmissible variant of SARS-CoV-2 for children  
*O Ratmann, S Bhatt, S Flaxman*
- e38** Correction: *Early academic achievement in children with isolated clefts: a population-based study in England*
- e39** Correction: *Diabetic ketoacidosis at the onset of disease during a national awareness campaign: a 2-year observational study in children aged 0–18 years*