

Journal of the Royal College of Paediatrics and Child Health

**Editor** in Chief Nick Brown

**Edition Editor** Ben Stenson

**Commissioning Editor** Mark Johnson

#### **Editorial Office**

Archives of Disease in Childhood **BMJ Publishing Group Ltd BMA House** Tavistock Square London WC1H 9JR, UK E: info.adc@bmj.com

## Senior Production Editor

Malcolm Smith

ISSN: 1359-2998 (print) ISSN: 1468-2052 (online) **Impact factor** 5.747

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 without permission

ADC is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India and printed in the UK on

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,

#### **Fantoms**

F115 Highlights from this issue B I Stenson

#### **Editorials**

F116 Early parenteral nutrition for preterm infants: perhaps more complicated than it first appears M I Johnson

F118 Non-invasive ventilation and bronchopulmonary dysplasia: is LESS really MORE? B J Manley, K A Hodgson

#### Reviews

F121 Current evidence for prenatal and postnatal corticosteroids in preterm infants ES Shinwell, P Gurevitz, I Portnov



Red cell transfusion thresholds for preterm infants: finally some answers E F Bell

### Original research

J Lanoue, N Modi

**F131** Outcomes in relation to early parenteral nutrition use in preterm neonates born between 30 and 33 weeks' gestation: a propensity score matched observational study

JWH Webbe, N Longford, C Battersby, K Oughham, S N Uthaya, N Modi, C Gale

**F137** Early versus later initiation of parenteral nutrition for very preterm infants: a propensity scorematched observational study S Uthaya, N Longford, C Battersby, K Oughham,

F143 Temporal trends in respiratory care and bronchopulmonary dysplasia in very preterm infants over a 10-year period in Spain A Avila-Alvarez, C Zozaya, S Pértega-Diaz, M Sanchez-Luna, M Iriondo-Sanz, M D Elorza, F García-Muñoz Rodrigo, Spanish Neonatal Network SEN1500

F150 Observational cohort study of changing trends in non-invasive ventilation in very preterm infants and associations with clinical outcomes L Sand, L Szatkowski, T'ng C Kwok, D Sharkey, D A Todd, H Budge, S Ojha

F156 Video-based reflection on neonatal interventions during COVID-19 using eye-tracking glasses: an observational study

M Wagner, M C den Boer, S Jansen, P Groepel, R Visser, R S G M Witlox, V Bekker, E Lopriore, A Berger, A B te Pas



- F161 Comparison of volume guarantee and volumecontrolled ventilation both using closed loop inspired oxygen in preterm infants: a randomised crossover study (CLIO-VG study) V Nair, M K Lal, J Gillone, P Kannan Loganathan, T E Bachman
- F166 Direct swallowing training and oral sensorimotor stimulation in preterm infants: a randomised controlled trial IS Heo, E-K Kim, S Y Kim, I G Song, Y M Yoon, H Cho, E S Lee, S H Shin, B-M Oh, H-I Shin, H-S Kim
- F174 Titres and neutralising capacity of SARS-CoV-2specific antibodies in human milk: a systematic review J M Low, Y W Low, Y Zhong, C Y C Lee, M Chan, NBHNg, ZAmin, YPMNg
- F181 Head circumference, total cerebral volume and neurodevelopment in preterm neonates T Selvanathan, T Guo, E Kwan, V Chau, R Brant, A R Synnes, R E Grunau, S P Miller
- **F188** Characteristics of neonatal herpes simplex virus infections in Germany: results of a 2-year prospective nationwide surveillance study A Kidszun, A Bruns, D Schreiner, S Tippmann. J Winter, R M Pokora, M S Urschitz, E Mildenberger
- **F193** Growth in extremely preterm children born 6 in England in 1995 and 2006: the EPICure

Y Ni, R Lancaster, E Suonpera, M Bernardi, A Fahy, J Larsen, J Trickett, J R Hurst, D Wolke, S Johnson, N Marlow

**F201** Temporal trends of in utero and early postnatal transfer of extremely preterm infants between 2011 and 2016: a UK population study L Shipley, G Hyliger, D Sharkey

### MORE CONTENTS ▶

The content of Fetal and Neonatal 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



- F206 Oesophageal atresia: sonographic signs may prenatally predict surgical complexity T Weissbach, A Kushnir, E Haber Kaptsenel, L Leibovich, R Bilik, D Shinhar, G Karplus, R Achiron, Z Kivilevitch, E Barzilay, S Mazaki Tovi, B Weisz, E Kassif
- **F211** Impact of personal protective equipment on neonatal resuscitation procedures: a randomised, cross-over, simulation study *F Cavallin, F Lupi, B Bua, M Bellutti, A Staffler, D Trevisanuto*

F216 SARS-CoV-2 RNA and antibody detection in breast milk from a prospective multicentre study in Spain C Bäuerl, W Randazzo, G Sánchez, M Selma-Royo, E García Verdevio, L Martínez, A Parra-Llorca, C Lerin, V Fumadó, F Crovetto, F Crispi, F J Pérez-Cano, G Rodríguez, G Ruiz-Redondo, C Campoy, C Martínez-Costa, M C Collado, on behalf of MilkCORONA study team

F225 Antenatal magnesium sulfate to prevent cerebral palsy
A K Keir, E Shepherd, S McIntyre, A Rumbold,
C Groves, C Crowther, E J Callander

#### **PostScript**

**F228** Comment on 'Direct swallowing training and oral sensorimotor stimulation in preterm infants: a randomised controlled trial' by Heo et al C M Harding, S-L Crossley

# Images in neonatal medicine

F120 Contrast study in umbilical venous line extravasation
S R Kamupira, J D Tarr, M Kuruvilla

### **Short reports**

**F222** Catheter insertion depths in less-invasive surfactant administration C A Maiwald, P Neuberger, A R Franz, C Engel, J Michel, M Esser, C F Poets

**Electronic page** 

e1 Correction: Outcomes of infants born at 22–27 weeks' gestation in Victoria according to outborn/inborn birth status