

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 *RCPC*H 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 Limited, Chennai, India and printed in the UK on acid-free paper.

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, USA.

Fantoms

- F457** Highlights from this issue
B J Stenson

Viewpoint

- F458** Neonatal encephalopathy and potential lost opportunities: when the story fits, please cool
M A Tagin, A J Gunn

Original research

- F460** Neonatal hyperglycaemia is associated with worse neurodevelopmental outcomes in extremely preterm infants
I Zamir, E Stoltz Sjöström, F Ahlsson, I Hansen-Pupp, F Serenius, M Domellöf
- F467** Neurodevelopmental outcomes following neonatal late-onset sepsis and blood culture-negative conditions
S Mukhopadhyay, K M Puopolo, N I Hansen, S A Lorch, S B DeMauro, R G Greenberg, C M Cotten, P J Sanchez, E F Bell, E C Eichenwald, B J Stoll, on behalf of the NICHD Neonatal Research Network
- F474** Comparative efficacy of methods for surfactant administration: a network meta-analysis
I Bellos, G Fitrou, R Panza, A Pandita
- F489** Heart rate during the first 24 hours in term-born infants
L Tveiten, L M Diep, T Halvorsen, T Markestad
- F494** Cost of neonatal abstinence syndrome: an economic analysis of English national data held in the National Neonatal Research Database
P Rees, B Carter, C Gale, S Petrou, B Botting, A G Sutcliffe

- F501** Changing clinical characteristics of infants treated for hypoxic-ischaemic encephalopathy in England, Wales and Scotland: a population-based study using the National Neonatal Research Database
L Hage, D Jeyakumaran, J Dorling, S Ojha, D Sharkey, N Longford, N Modi, C Battersby, C Gale

- F509** Comparison of rectal and axillary temperature measurements in preterm newborns
L K McCarthy, C P F O'Donnell

- F514** SARS-CoV-2 genome and antibodies in breastmilk: a systematic review and meta-analysis
F Zhu, C Zozaya, Q Zhou, C De Castro, P S Shah

- F522** Usefulness of video recordings for validating neonatal encephalopathy exams: a population-based cohort study
J Arnaez, C Vega-Del-Val, M Hortigüela, I Benavente-Fernández, M Martínez-Biarge, C Ochoa Sangrador, A Garcia-Alix, IC-HIE Study Group

- F529** Trends in the incidence and management of hypoxic-ischaemic encephalopathy in the therapeutic hypothermia era: a national population study
L Shipley, C Gale, D Sharkey

- F535** Can EEG accurately predict 2-year neurodevelopmental outcome for preterm infants?
R O Lloyd, J M O'Toole, V Livingstone, P M Filan, G B Boylan

- F542** Total body water in full-term and preterm newborns: systematic review and meta-analysis
A Young, L K Brown, S Ennis, R M Beattie, M J Johnson

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 *RCPC*H 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 please recycle it

Short reports

F550 NeoBeat offers rapid newborn heart rate assessment
J B Bush, V Cooley, J Perlman, C Chang

F553 Effects of varying chest compression depths on carotid blood flow and blood pressure in asphyxiated piglets
M Bruckner, M O'Reilly, T-F Lee, M Neset, P-Y Cheung, G M Schmölzer

F557 Prematurity and postnatal alterations in intermittent hypoxaemia
J M Di Fiore, V Shah, A Patwardhan, A Sattar, S Wang, T Raffay, R J Martin, E G Abu Jawdeh

Review

F561 Face mask versus nasal prong or nasopharyngeal tube for neonatal resuscitation in the delivery room: a systematic review and meta-analysis
A Mangat, M Bruckner, G M Schmölzer

PostScript

F568 Impact of neonatal sepsis calculator in West Midlands (UK)
T J van Hasselt, H McDermott, P Surana, R Eltahir, L Macaskill, R Jain, N McMullan, S Slee, M Jagga, M Naseem, O Alake, C Cherry, B Miguras, A K Ewer, Paediatric Research Across the Midlands (PRAM) Network

F569 Intact cord stabilisation and delivery room strategies: current practice in the UK
A E Bean, L Myers, C Smith, T Williams

F570 Learning intubation with neonatal videolaryngoscopy: education theory in practice
G Y T Ng, S Somerville

Images in neonatal medicine

F487 Bedside agitated saline test confirming diagnosis of anomalous right superior caval vein draining into the left atrium
N H Y Wijedasa, M V Fortier, D Z Zhang, S A Aquino-Grino, J T L Choo

F549 Umbilical venous catheter extravasation diagnosed by point-of-care ultrasound
G Rajendran, A K Sinha

F560 Giant cranial pseudomeningocele after vacuum extraction
V Favier, O Werner, T Roujeau