

Journal of the Royal College of Paediatrics and Child Health

Editor in Chief

Nick Brown

Edition Editor

Ben Stenson

Senior Editor

Martin Ward Platt

Deputy Editors

Patrick Cartledge (*Commissioning Editor*)

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

Senior Production Editor

Malcolm Smith

ISSN: 1359-2998 (print)

ISSN: 1468-2052 (online)

Impact factor 3.953

Disclaimer: ADC is published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the Royal College of Paediatrics and Child Health. The owners grant editorial freedom to the Editor of ADC. ADC follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

ADC is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group, the Royal College of Paediatrics and Child Health or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of Heart or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright © 2019 BMJ Publishing Group and Royal College of Paediatrics and Child Health. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior 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 published monthly by BMJ Publishing Group and 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 Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Fantoms

F115 Highlights from this issue

M Ward Platt

Editorials

F116 T-piece resuscitators: a warning sign

R Guinsburg, M H Miyoshi, M F B de Almeida

F118 Family integrated care: what's all the fuss about?

A Young, L McKechnie, C M Harrison

F120 How should we chart the growth of very preterm babies?

F Pearson, M J Johnson

Original articles

F122 T-piece resuscitators: how do they compare?

M Hinder, A McEwan, T Drevhammer, S Donaldson, M B Tracy

F128 Human milk as a protective factor for bronchopulmonary dysplasia: a systematic review and meta-analysis

J Huang, L Zhang, J Tang, J Shi, Y Qu, T Xiong, D Mu

F137 Efficacy and safety of pulmonary application of corticosteroids in preterm infants with respiratory distress syndrome: a systematic review and meta-analysis



M Delara, B F Chauhan, M-L Le, A M Abou-Setta, R Zarychanski, G W 'Jong

F145 Cord milking versus immediate clamping in preterm infants: a randomised controlled trial

W El-Naggar, D Simpson, A Hussain, A Armon, L Dodds, A Warren, R Whyte, D McMillan

F151 Breastfeeding outcomes in European NICUs: impact of parental visiting policies

M Cuttini, I Croci, L Toome, C Rodrigues, E Wilson, M Bonet, J Gadzinowski, D Di Lallo, L C Herich, J Zeitlin, on behalf of the EPICE Research Group

F159 Dose-interval study of a dual probiotic in preterm infants

C Watkins, K Murphy, E M Dempsey, C A O'Shea, B P Murphy, P W O'Toole, R P Ross, C Stanton, C A Ryan

F165 Accuracy of five formulae to determine the insertion length of umbilical venous catheters

W L Lean, J A Dawson, P G Davis, C Theda, M Thio

F171 Safety of meningococcal group B vaccination in hospitalised premature infants

A Kent, K Beebejaun, S Braccio, S Kadambari, P Clarke, P T Heath, S Ladhani, The National Neonatal Audit Network

F176 Evaluation of the congenital hypothyroidism screening programme in Iran: a 3-year retrospective cohort study

L Mehran, D Khalili, S Yarahmadi, H Delshad, Y Mehrabi, A Amouzegar, N Ajang, F Azizi

F182 Estimating neonatal length of stay for babies born very preterm



S E Seaton, L Barker, E S Draper, K R Abrams, N Modi, B N Manjelow, on behalf of the UK Neonatal Collaborative

F187 Detection of exhaled carbon dioxide following intubation during resuscitation at delivery

K A Hunt, Y Yamada, V Murthy, P Srihari Bhat, M Campbell, G F Fox, A D Milner, A Greenough

F192 Adverse effects of small for gestational age differ by gestational week among very preterm infants

E A Jensen, E E Foglia, K C Dysart, R A Simmons, Z H Aghai, A Cook, J S Greenspan, S B DeMauro

F199 Nutritional role of amniotic fluid: clues from infants with congenital obstruction of the digestive tract

N J Hall, M Drewett, D Burge

F202 Learning from claims: hyperbilirubinaemia and kernicterus



J M Rennie, J Beer, M Upton

F205 Safe and effective glycaemic control in premature infants: observational clinical results from the computerised STAR-GRYPHON protocol

J L Knopp (nee Dickson), A M Lynn, G M Shaw, J G Chase



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.uk



When you have finished with this please recycle it

Receive regular table of contents by email. Register using this QR code.



Short reports

- F212** Does the use of an iodine-containing contrast agent to visualise the PICC tip in preterm babies cause hypothyroidism? A randomised controlled trial
C P Rath, M Thomas, D Sullivan, M Kluckow
- F215** Pulseless electrical activity: a misdiagnosed entity during asphyxia in newborn infants?
S Patel, P-Y Cheung, A L Solevåg, K J Barrington, C O F Kamlin, P G Davis, G M Schmölzer
- F218** Time interval for preterm infant weight gain velocity calculation precision
T R Fenton, T Senterre, I J Griffin

Review

- F220** Postnatal cardiovascular adaptation
A W Gill

Images in neonatal medicine

- F158** Caput medusa in a newborn infant
M Molad, K Lavie-Nevo, C Hartman
- F169** Meconial hydrocele as first sign of acute intestinal perforation in a preterm baby
M V Jiménez-Cabanillas, S Vetter-Laracy, P Cobo, A Roca Jaume, C M Maroto-García, A Moreno Montero
- F191** Neonatal cutaneous lupus erythematosus
H Romero Rey, A Avila-Alvarez

PostScript

- F225** Evidence that therapeutic hypothermia should be continued for 72 hours
J O Davidson, M Battin, A J Gunn
- F225** It is time to standardise the length of postnatal antibiotic administration nationally
M Malley, M Bruce, H Devlin, H Patel, D Narendra, S Cox, R Chotalia
- F227** Assessment of neonatal heart rate immediately after birth using digital stethoscope, handheld ultrasound and electrocardiography: an observational cohort study
B P Treston, J Semberova, R Kernan, E Crothers, A Branagan, N O' Cathain, J Miletin
- F228** Current use of probiotics to prevent necrotising enterocolitis
S D Duffield, P Clarke