



Journal of the Royal College of Paediatrics and Child Health

**Interim Editor in Chief**  
Martin Ward Platt

**Editor**  
Ben Stenson

**Deputy Editors**  
Richard Cartledge (Commissioning Editor)  
Imti Choonara (Drug Therapy)  
Ian Wacogne (*Education & Practice*)

**Editorial Office**

*Archives of Disease in Childhood*  
BMJ Publishing Group Ltd  
BMA House  
Tavistock Square  
London WC1H 9JR, UK  
T: +44 (0)20 7383 6909  
F: +44 (0)20 7383 6668  
E: [archdischild@bmjgroup.com](mailto:archdischild@bmjgroup.com)

ISSN: 1359-2998 (print)  
ISSN: 1468-2052 (online)

**Impact factor** 3.969

**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 *ADC* 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** © 2017 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**

**F189** Highlights from this issue  
*M Ward Platt*

**Editorial**

**F190** What does it mean to be a skinny baby?  
*S B DeMauro*

**F192** The direct and indirect influence of own mother's milk on bronchopulmonary dysplasia and costs  
*B Poindexter*

**Leading article**

**F194** Nasal CPAP for neonatal respiratory support in low and middle-income countries  
*T Lissauer, T Duke, K Mellor, L Molyneux*

**Original articles**

**F197** Thin-for-gestational age infants are at increased risk of neurodevelopmental delay at 2 years  
*S M O'Neill, G Hannon, A S Khashan, J O'B Hourihane, L C Kenny, M Kiely, D M Murray*

**F203** Initial stabilisation of preterm infants: a new resuscitation system with low imposed work of breathing for use with face mask or nasal prongs  
*S Donaldsson, T Drevhammar, L Taittonen, S Klemming, B Jonsson*

**F208** Neonatal ventilation with a manikin model and two novel PEEP valves without an external gas source  
*M Thallinger, H L Ersdal, C Morley, C Purington, Ø Gomo, E Mduma, J Eilevsjønn, K Størdal*

**F214** Developmental problems in patients with oesophageal atresia: a longitudinal follow-up study  
*W J Harmsen, F J Aarsen, M H M van der Cammen-van Zijp, J M van Rosmalen, R M H Wijnen, D Tibboel, H IJsselstijn*

**F220** Neopuff T-piece resuscitator: does device design affect delivered ventilation?  
*M Hinder, P Jani, A Priyadarshi, A McEwan, M Tracy*

**F225** Two-hourly versus 3-hourly feeding for very low birthweight infants: a randomised controlled trial  
*N R Ibrahim, T H Kheng, A Nasir, N Ramli, J L K Foo, S H Syed Akwi, H Van Rostenbergh*

**F230** Enterostomy-related complications and growth following reversal in infants  
*G Bethell, S Kenny, H Corbett*

**F235** Determinants of developmental outcomes in a very preterm Canadian cohort  
*A Synnes, T M Luu, D Moddemann, P Church, D Lee, M Vincer, M Ballantyne, A Majnemer, D Creighton, J Yang, R Sauve, S Saigal, P Shah, S K Lee, on behalf of the Canadian Neonatal Network and the Canadian Neonatal Follow-Up Network*

**F244** Effect of antibiotic use on antimicrobial antibiotic resistance and late-onset neonatal infections over 25 years in an Australian tertiary neonatal unit  
*D Carr, E H Barnes, A Gordon, D Isaacs*

**F251** Ultrasound assessment of umbilical venous catheter migration in preterm infants: a prospective study  
*J Franta, A Harabor, A S Soraisham*

**F256** Influence of own mother's milk on bronchopulmonary dysplasia and costs  
*A L Patel, T J Johnson, B Robin, H R Bigger, A Buchanan, E Christian, V Nandhan, A Shroff, M Schoeny, J L Engstrom, P P Meier*

**F262** Outcome of babies with no detectable heart rate before 10 minutes of age, and the effect of gestation  
*T Sproat, R Hearn, S Harigopal*

**Short research report**

**F266** Oxygen saturation ranges for healthy newborns within 24 hours at 1800 m  
*M C Morgan, B Maina, M Waiyego, C Mutinda, J Aluvaala, M Maina, M English*

**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 <http://adc.bmj.com/site/about/guidelines.xhtml#open>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

[www.publicationethics.org.uk](http://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.



Arch Dis Child Fetal Neonatal Ed: first published as on 1 May 2017. Downloaded from <http://fn.bmj.com/> on August 19, 2022 by guest. Protected by copyright.

---

**Images in neonatal medicine**

**F224** Staphylococcal scalded skin syndrome in an extremely preterm newborn: management in a neonatal intensive care unit  
*S Valero-Portero, L Quesada-Dorigne, J J Quesada López, Á B Brea-Lamas, M Cidrás-Pidre*

**F269** Lung haemangioma presenting with air-crescent-sign like image in an extreme premature baby  
*M de Laat, M Proesmans, L Breysen, A Debeer*

---

**Reviews**

**F270** A systematic review of administrative and clinical databases of infants admitted to neonatal units  
*Y Statnikov, B Ibrahim, N Modi*

**F277** The roles of drug therapy given via the endotracheal tube to neonates  
*A Greenough, N Papalexopoulou*

---

**Hyperion**

**F282** Highlights from the literature