

Journal of the Royal College of Paediatrics and Child Health

Editor-in-Chief

Howard Bauchner

Deputy Editors

Patrick Cartlidge
Martin Ward Platt

Commissioning Editor

Patrick Cartlidge

Perspectives Editor

Ieuan Hughes

Editorial Office

Archives of Disease in Childhood
BMJ Publishing Group Ltd
BMA House
Tavistock Square
London WC1H 9JR, UK

T: +44 (0)20 7383 6331

F: +44 (0)20 7383 6668

E: archdischild@bmjgroup.com

ISSN: 0003-9888 (print)

ISSN: 1468-2044 (online)

Impact factor 2.046

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 © 2008 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 The Charlesworth Group, and printed in the UK on acid-free paper from sustainable forests by Cambrian Printers Limited, Aberystwyth, UK. Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: Archives of Disease in Childhood, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.

Fantoms

F1 *B Stenson*

Perspectives

F2 Beyond sweetness and warmth: transition of the preterm infant
G J Reynolds

F4 Fishing for brain power?
C King, M Fewtrell

Leading articles

F7 Volume-targeted ventilation in the neonate: time to change?
A Grover, D Field

F10 Review of NICE guidelines on routine postnatal infant care
M Sellwood, A Huertas-Ceballos

Original articles

F14 Umbilical cord milking reduces the need for red cell transfusions and improves neonatal adaptation in infants born at less than 29 weeks' gestation: a randomised controlled trial
S Hosono, H Mugishima, H Fujita, A Hosono, M Minato, T Okada, S Takahashi, K Harada

F20 Delayed cord clamping in preterm infants delivered at 34–36 weeks' gestation: a randomised controlled trial
C A Ultee, J van der Deure, J Swart, C Lasham, A L van Baar

F24 Echocardiographic assessment of blood flow volume in the superior vena cava and descending aorta in the newborn infant
A M Groves, C A Kuschel, D B Knight, J R Skinner

F29 Relationship between blood pressure and blood flow in newborn preterm infants
A M Groves, C A Kuschel, D B Knight, J R Skinner

F33 Twenty-year trends in diagnosis of life-threatening neonatal cardiovascular malformations
C Wren, Z Reinhardt, K Khawaja

F36 Neonatal volume guarantee ventilation: effects of spontaneous breathing, triggered and untriggered inflations
N McCallion, R Lau, C J Morley, P A Dargaville

F40 Methicillin-resistant *Staphylococcus aureus* infections among healthy full-term newborns
L James, R J Gorwitz, R C Jones, J T Watson, J C Hageman, D B Jernigan, Y Lord, N Caballes, C Cortes, R G Golash, J S Price, S I Gerber

F45 Cognitive assessment of children at age 2½ years after maternal fish oil supplementation in pregnancy: a randomised controlled trial
J A Dunstan, K Simmer, G Dixon, S L Prescott

F51 Fetal cortisol response to intrauterine microbial colonisation identified by the polymerase chain reaction and fetal inflammation
R Miralles, R Hodge, S Kotecha

Short report

F55 Comparison between rectal and infrared skin temperature in the newborn
M De Curtis, F Calzolari, A Marciano, V Cardilli, G Barba

Reviews

F58 Postnatal hydrocortisone treatment for chronic lung disease in the preterm newborn and long-term neurodevelopmental follow-up
K J Rademaker, L S de Vries, C S P M Uiterwaal, F Groenendaal, D E Grobbee, F van Bel

F64 Non-invasive positive pressure ventilation in the preterm neonate: reducing endotrauma and the incidence of bronchopulmonary dysplasia
A A Hutchison, S Bignall

F69 Quality of neonatal care and outcome
D Acolet

Perinatal lessons from the past

F74 Dr Helen Taussig (1898–1986): pioneering American paediatric cardiologist
P M Dunn

PostScript


F77 Letters

F78 Corrections

Images in neonatal medicine

F23 Severe chest recession causing translucency on a x ray
C J Elder, A Sprigg, R C Coombs

F76 Perforated colonic duplication masquerading as necrotising enterocolitis
N Lansdale, S J Clark

 This article has been chosen by the Editor to be of specialist interest or importance and is freely available online.

 Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://adc.bmj.com/info/unlocked.dtl>



www.publicationethics.org.uk

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