



Journal of the Royal College of Paediatrics and Child Health

Editor-in-Chief

Howard Bauchner

Deputy Editors

Patrick Cartledge
Imti Choonara
Martin Ward Platt

Commissioning Editor

Patrick Cartledge

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: archdiscchild@bmjgroup.com

ISSN: 0003-9888 (print)
ISSN: 1359-2998 (online)

Impact factor 2.342

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 © 2009 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.

ADC Fetal & Neonatal Edition (USPS No: 015-715) is published bimonthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318. Periodicals postage paid at Emigsville, PA. POSTMASTER: send address changes to Archives of Disease in Childhood, PO Box 437, Emigsville, PA 17318-0437, USA.

Fantoms

F79 *M Ward Platt*

Original articles

F80 The effect of two levels of pressure support ventilation on tidal volume delivery and minute ventilation in preterm infants
S Gupta, S K Sinha, S M Donn

F84 Volume-guarantee ventilation: pressure may decrease during obstructed flow
K I Wheeler, C J Morley, C O F Kamlin, P G Davis

F87 Oxygen saturation and heart rate during delivery room resuscitation of infants <30 weeks' gestation with air or 100% oxygen
J A Dawson, C O F Kamlin, C Wong, A B te Pas, C P F O'Donnell, S M Donath, P G Davis, C J Morley

F92 No change in developmental outcome with incubator covers and nesting for very preterm infants in a randomised controlled trial
C M Maguire, F J Walther, P H T van Zwieten, S Le Cessie, J M Wit, S Veen, On behalf of the Leiden Developmental Care Project

F98 Psychological stress of parents of preterm infants enrolled in an early discharge programme from the neonatal intensive care unit: a prospective randomised trial
P Sáenz, M Cerdà, J L Díaz, P Yi, M Gorba, N Boronat, P Barreto, M Vento

F105 Risk of stillbirth and neonatal death linked with maternal mental illness: a national cohort study
S King-Hele, R T Webb, P B Mortensen, L Appleby, A Pickles, K M Abel

F111 Impact of shielding parenteral nutrition from light on routine monitoring of blood glucose and triglyceride levels in preterm neonates
M Khashu, A Harrison, V Lalari, J-C Lavoie, P Chessex

F116 Random safety audits in the neonatal unit
L Lee, S Girish, E van den Berg, A Leaf



F120 Enteral feeding regimens and necrotising enterocolitis in preterm infants: a multicentre case-control study
G Henderson, S Craig, P Brocchurst, W McGuire

F124 Cytokine gene polymorphisms in preterm infants with necrotising enterocolitis: genetic association study
G Henderson, S Craig, R J Baier, N Helps, P Brocchurst, W McGuire

F129 Neonatal extracorporeal membrane oxygenation: practice patterns and predictors of outcome in the UK
A Karimova, K Brown, D Ridout, W Beierlein, J Cassidy, J Smith, H Pandya, R Firmin, M Liddell, C Davis, A Goldman

F133 Sleeping position, oxygenation and lung function in prematurely born infants studied post term
T Saiki, H Rao, F Landolfo, A P R Smith, S Hannam, G F Rafferty, A Greenough

F138 How common are rib fractures in extremely low birth weight preterm infants?
D Smurthwaite, N B Wright, S Russell, A J Emmerson, M Z Mughal

F140 Mortality of twin and singleton livebirths under 30 weeks' gestation: a population-based study
B Ray, M P Ward Platt

F144 Neonatal infections in Asia
R Tiskumara, S H Fakharee, C Q Liu, P Nuntnarumit, K M Lui, M Hammoud, J K F Lee, C B Chow, A Sheno, R Halliday, D Isaacs, on behalf of APNIS (Asia-Pacific Neonatal Infections Study)

Short reports

F149 Neonatal blood pressure waves are associated with surges of systemic noradrenaline
B Wefers, S Cunningham, R Stephen, N McIntosh

F152 Early individualised parenteral nutrition for preterm infants
S Eleni-dit-Trolli, E Kermorvant-Duchemin, C Huon, M Mokthari, K Hussein, M-L Brunet, C Dupont, A Lapillonne

PostScript

F154 Impact of delayed screening for prolonged jaundice in the newborn
M Tyrell, S Hingley, C Giles, J O Menakaya

F154 Hydrocortisone treatment for severe evolving bronchopulmonary dysplasia and cerebral haemodynamics
G Cambonie, R Mesnage, C Milési, A Rideau, C Veyrac, J-C Picaud

F155 Differences between the amino acid concentrations of umbilical venous and arterial blood
H Tsuchiya, K Matsui, T Muramatsu, T Ando, F Endo

F156 Comparison of peripheral and cerebral tissue oxygenation index in neonates
K Grossauer, G Pichler, G Schmolzer, H Zotter, W Mueller, B Urlesberger

F156 Correction

Images in neonatal medicine

F104 The seasonal orchidometer
C Durand, J Gibbs

F137 Depressed skull fracture in a newborn baby
S T Dharmaraj, N D Embleton, A Jenkins, G Jones



This article has been chosen by the Editor to be of special 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>



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

www.publicationethics.org.uk

