



Journal of the Royal College of
Paediatrics and Child Health

Editor-in-Chief

Howard Bauchner

Deputy Editors

Patrick Cartledge

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: archdischild@bmjgroup.com

ISSN: 0003-9888 (print)

ISSN: 1359-2998 (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.

Contents

Volume 93 Number 2 | ADC Fetal and Neonatal Edition March 2008

Fantoms

F79 *M Ward Platt*

Leading articles

F80 Value and validity of neonatal disease severity scoring systems

J S Dorling, D J Field

F82 Ethical and legal aspects of video recording neonatal resuscitation

C P F O'Donnell, C O F Kamlin, P G Davis, C J Morley

Original articles

F85 Probable early-onset group B streptococcal neonatal sepsis: a serious clinical condition related to intrauterine infection

X Carbonell-Estrany, J Figueras-Aloy, S Salcedo-Abizanda, M de la Rosa-Fraile, Castrillo Study Group

F90 Group B streptococcal disease in Portuguese infants younger than 90 days

M T Neto

F94 Comparison of ibuprofen and indometacin for early-targeted treatment of patent ductus arteriosus in extremely premature infants: a randomised controlled trial

B-H Su, H-C Lin, H-Y Chiu, H-Y Hsieh, H-H Chen, Y-C Tsai

F100 Lingual sucrose reduces the pain response to nasogastric tube insertion: a randomised clinical trial

S McCullough, T Halton, D Mowbray, P I Macfarlane

F104 Referral pattern of neonates with severe respiratory failure for extracorporeal membrane oxygenation

R Tiruvoipati, H Pandya, B Manktelow, J Smith, I Dodkins, D Elbourne, D Field

F108 The EPICure study: growth and blood pressure at 6 years of age following extremely preterm birth

M A Bracewell, E M Hennessy, D Wolke, N Marlow

F115 A cohort study of low Apgar scores and cognitive outcomes

D E Odd, F Rasmussen, D Gunnell, G Lewis, A Whitelaw

F121 Intrauterine growth and survival in cerebral palsy

K Hemming, J L Hutton, S Bonellie, J J Kurinczuk

F127 Long-term outcome after neonatal intraparenchymal echodensities with porencephaly

R L Sherlock, A R Synnes, R E Grunau, L Holsti, P Hubber-Richard, D Johannesen, M F Whitfield

F132 Noise levels during nCPAP are flow-dependent but not device-dependent

O Karam, C Donatiello, E Van Lancker, V Chritin, R E Pfister, P C Rimensberger

F135 Attempt to improve transcutaneous bilirubinometry: a double-blind study of Medick BiliMed versus Respironics BiliCheck

D De Luca, E Zecca, M Corsello, E Tiberi, C Semeraro, C Romagnoli

F140 Characterisation of the host inflammatory response to *Staphylococcus epidermidis* in neonatal whole blood

C Härtel, I Osthues, J Rupp, B Haase, K Röder, W Göpel, E Herting, C Schultz

Short reports

F146 Quantitative ultrasound and dual-energy x ray absorptiometry in bone status assessment of ex-preterm infants

M L Gianni, S Mora, P Roggero, F Mosca

F148 Neonatal nasal intermittent positive pressure ventilation: a survey of practice in England

L S Owen, C J Morley, P G Davis

Case report

F151 Pyridoxal phosphate-dependent neonatal epileptic encephalopathy

S Bagci, J Zschocke, G F Hoffmann, T Bast, J Klepper, A Müller, A Heep, P Bartmann, A R Franz

Reviews

F153 Pathogenesis of cerebral white matter injury of prematurity

O Khwaja, J J Volpe

F162 Enteral feeding for very low birth weight infants: reducing the risk of necrotising enterocolitis

M Chauhan, G Henderson, W McGuire

Perinatal lessons from the past

F167 Professor Munro Kerr (1868–1960) of Glasgow and caesarean delivery

P M Dunn

PostScript

F170 Letters

Images in neonatal medicine

F166 Congenital hyperinsulinism: [¹⁸F]DOPA PET/CT scan of a focal lesion in the head of the pancreas

R R Kapoor, C Gilbert, K Mohanike, O Blankenstein, F Fuechtner, K Hussain



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