



Electroencephalography. Doctor monitoring a boy's brain activity  
Credit: Science Photo Library

#### Editor-in-Chief

R Mark Beattie

#### Deputy Editors

Patrick Cartlidge (Commissioning Editor)

Imti Choonara (Drug Therapy)

Peter Hoyer (EAP)

Ian Wacogne (E&P)

Martin Ward Platt (FNN)

#### 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: [archdiscchild@bmjgroup.com](mailto:archdiscchild@bmjgroup.com)

ISSN: 0003-9888 (print)

ISSN: 1468-2044 (online)

#### Impact factor: 2.88

Journal of the Royal College of Paediatrics and Child Health

**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** © 2013 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 Techset, and printed in the UK on acid-free paper from sustainable forests.

*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, 146<sup>th</sup> Avenue, 2nd Floor, Jamaica, NY 11434, USA

## Contents

Volume 98 Issue 3 | ADC March 2013

### Atoms

- i** Highlights from this issue  
*R M Beattie*

### Editorial

- 167** Is paediatric epilepsy getting less common?  
*G Anand, T McShane*

### Leading article

- 168** Detecting joint disease in children—dispelling the myths  
*I Goff, H E Foster, S Jandial*

### Original articles

- 170** Prevalence of scoliosis in patients with Fontan circulation  
*M Kadhim, C Pizarro, L Holmes Jr, K J Rogers, A Kallur, W G Mackenzie*
- 176** Vitamin D status of exclusively breastfed infants aged 2–3 months  
*C R Wall, C C Grant, I Jones*
- 180** Vitamin D levels in Malawian infants from birth to 24 months  
*T K Amukele, D Soko, P Katundu, M Kamanga, J Sun, N I Kumwenda, T E Taha*
- 184** Nutritional content of modular feeds: how accurate is feed production?  
*S Evans, A Daly, C Ashmore, H Gokmen-Ozel, R Dileva, B Dumbleton, S Chahal, A MacDonald*
- 189** The demographic characteristics of children with chronic kidney disease stages 3–5 in South East England over a 5-year period  
*J J Kim, C J Booth, S Waller, P Rasmussen, C J D Reid, M D Sinha*
- 195** Childhood epilepsy recorded in primary care in the UK  
*W H Meeraus, I Petersen, R F Chin, F Knott, R Gilbert*



### Short research reports

- 204** Activity, body composition and bone health in children  
*K Kennedy, S Shepherd, J E Williams, S F Ahmed, J C Wells, M Fewtrell*
- 208** Seasonal variability in paediatric obstructive sleep apnoea  
*L M Walter, L C Nisbet, G M Nixon, M J Davey, V Anderson, J Trinder, A M Walker, R S C Horne*
- 211** Paediatric unplanned reattendance rate: A&E clinical quality indicators  
*K O'Loughlin, K A Hacking, N Simmons, W Christian, R Syahane, A Shamekh, N J Prince*

### Drug therapy

- 216** Melatonin: helping to MEND impaired sleep  
*R E Appleton, P Gringras*
- 218** Drug use and upper gastrointestinal complications in children: a case-control study  
*M Bianciotto, E Chiappini, I Raffaldi, C Gabiano, P-A Tovo, S Sollai, M de Martino, F Mannelli, V Tipo, R Da Cas, G Traversa, F Menniti-Ippolito, and the Italian Multicenter Study Group for Drug and Vaccine Safety in Children*
- 222** Clinical pharmacy interventions in paediatric electronic prescriptions  
*B Maat, Y San Au, C W Bollen, A J van Vught, T C G Egberts, C M A Rademaker*
- 228** Oral and topical antibiotic prescriptions for children in general practice  
*E G P M de Bont, I H M van Loo, N H T M Duijkers-Muijters, C J P A Hoebe, C A Bruggeman, G-J Dinant, J W L Cals*
- 232** Paediatric pharmacogenomics: an overview  
*D B Hawcutt, B Thompson, R L Smyth, M Pirmohamed*

### PostScript

- 239** Letters

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



**MORE CONTENTS** ▶



EDITOR'S CHOICE



OPEN ACCESS



PRESS RELEASE

C O P E COMMITTEE ON PUBLICATION ETHICS

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 magazine please recycle it.

**Miscellanea**

- 194** Archivist: Antenatal steroid therapy and later stress responsiveness in the child
- 237** Archivist: Niger's attack on child mortality
- 203** Images in paediatrics: Acute rheumatic fever with chorea  
*P S Buonomo, M Macchiaiolo, A Toscano, F De Benedetti, A Villani, A Bartuli*
- 215** Images in paediatrics: An unusual presentation of tuberous sclerosis  
*M Macchiaiolo, P S Buonomo, D Longo, D Valentini, A Bartuli*
- 238** Images in paediatrics: Clavicular swelling—classic presentation of chronic non-bacterial osteomyelitis  
*M A Khan, N J Osborne, R Anaspure, A V Ramanan*
- 241** Correction
- 242** Lucina: Highlights from the literature