



Oesophageal narrowing. Endoscopic view of a narrowing (stricture or stenosis, centre) of the cardia, the junction between the oesophagus and the stomach, caused by gastroesophageal reflux disease (GORD).

Cover credit: Gastrolab / Science Photo Library

Editor-in-chief

Howard Bauchner

Deputy Editors

Patrick Cartlidge (Commissioning Editor)

Imti Choonara (Drug Therapy)

Ben Stenson (*FNM*)

Ian Wacogne (*E&P*)

Senior 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: 2.65

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 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 © 2011 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 Newgen, and printed in the UK on acid-free paper from sustainable forests by Latimer Trend, Plymouth, UK.

ADC (ISSN No: 0003-9888) is published monthly by BMJ Publishing Group and is distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ, and additional mailing offices. POSTMASTER: send address changes to Archives of Disease in Childhood, Mercury International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.

Atoms

i Howard Bauchner

Editorial

1 Investing in primary care as the bridge for transitional care

F Craig, C D Rajapakse, K McNamara, N Williamson

3 Do researchers know what they are doing?

P D Singleton

Leading article

5 Drowning and sudden cardiac death

D Kenny, R Martin

Original articles

9 The effects of three alternative treatment strategies after 8 weeks of proton pump inhibitor therapy for GERD in children

Ji H Lee, Mi J Kim, J S Lee, Y Ho Choe

14 Ethics, governance and consent in the UK: implications for research into the longer-term outcomes of congenital heart defects

R L Knowles, C Bull, C Wren, C Dezateux

21 Diagnosis and management of elite young athletes undergoing arrhythmia intervention

J Kelly, D Kenny, R P Martin, A G Stuart

25 Routine educational outcome measures in health studies: Key Stage 1 in the ORACLE Children Study follow-up of randomised trial cohorts

D R Jones, K Pike, S Kenyon, L Pike, B Henderson, P Brocklehurst, N Marlow, A Salt, D J Taylor

30 The association between birth condition and neuropsychological functioning and educational attainment at school age: a cohort study

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

38 Anger, depression and anxiety associated with endothelial function in childhood and adolescence

W Osika, S M Montgomery, F Dangardt, P Währborg, L M Gan, E Tideman, P Friberg

44 Twenty-two years' experience with childhood-onset SLE in a developing country: are outcomes similar to developed countries?

P Vachvanichsanong, P Dissaneewate, E McNeil

50 The temporal relationship between glucose-corrected serum sodium and neurological status in severe diabetic ketoacidosis

A Durward, L P Ferguson, D Taylor, I A Murdoch, S M Tibby

58 Adding fever to WHO criteria for diagnosing pneumonia enhances the ability to identify pneumonia cases among wheezing children
M-R A Cardoso, C M Nascimento-Carvalho, F Ferrero, F M Alves, S N Cousens

62 Identifying deafness in early childhood: requirements after the newborn hearing screen
P M Watkin, M Baldwin

67 Development of a clinical algorithm to prioritise HIV testing of hospitalised paediatric patients in a low resource moderate prevalence setting
W E Allison, M Kiromat, J Vince, H Wand, P Cunningham, S M Graham, J Kaldor

73 Screening for autism in preterm children: diagnostic utility of the Social Communication Questionnaire
S Johnson, C Hollis, E Hennessy, P Kochhar, D Wolke, N Marlow

78 Transition to adult services for children and young people with palliative care needs: a systematic review
M Doug, Y Adi, J Williams, M Paul, D Kelly, R Petchey, Y H Carter

85 Deformational plagiocephaly: a follow-up of head shape, parental concern and neurodevelopment at ages 3 and 4 years
B L Hutchison, A W Stewart, E A Mitchell

91 Randomised controlled trial analysing supplementation with 250 versus 500 units of vitamin D3, sun exposure and surrounding factors in breastfed infants
A Siafarikas, H Piazena, U Feister, M K Bulsara, H Meffert, V Hesse

MORE CONTENTS ►



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>

An article carrying this symbol denotes that it has been selected for press release

COPE 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

equator network recycle
When you have finished with this magazine please recycle it.

Short reports

- 96** Pandemic (H1N1) 2009: a clinical spectrum in the general paediatric population
P J Larcombe, S E Moloney, P A Schmidt
- 99** Should children with inherited metabolic disorders receive varicella vaccination?
M Varghese, M Cafferkey, M O'Regan, A A Monavari, E P Treacy

Case report

- 101** Lipoatrophy with insulin analogues in type I diabetes
A Babiker, V Datta

Archimedes

- 103** Towards evidence based medicine for paediatricians
Edited by Bob Phillips

PostScript

- 109** Letters
- 115** Correction

Miscellanea

- 29** Archivist: Avoiding respiratory complications in paediatric anaesthesia
- 43** Images in paediatrics: Where has the air gone?
- 61** Archivist: Specialist retrieval teams for transfer to regional paediatric intensive care units: effect on mortality
- 90** Images in paediatrics: A knotted problem
- 116** Lucina