



EDUCATION & PRACTICE

an edition of Archives of Disease in Childhood

The content of Archives of Disease in Childhood is endorsed by the Royal College of Paediatrics and Child Health for Continued Professional Development in line with RCPCH CPD guidelines

EDITOR IN CHIEF

Nick Brown

EDITION EDITOR

Ian Wacogne

SECTION EDITORS

Best practice: Ian Wacogne

Problem solving in clinical practice: Mark Anderson, Mark Tighe

Epilogue: Mark Tighe, Lisa Brown

Guidelines: Philippa Prentice, Emma Dyer

Interpretations: Sam Behjati, Thomas Waterfield

Picket: Giordano Perez-Gaxiola, Rebecca Dalrymple, Amanda Friend

Equipped and Equipment: Alice Roueche and Jane Runnacles

Public Health: Ronny Cheung

Research in Practice: Bob Phillips, John Apps

Reprints: Commercial reprint enquiries (except USA and Canada) please contact Nadia Gurney-Randall, T: +44 (0)7866 262 344, E: ngurneyrandall@bmj.com. In the USA and Canada please contact Ray Thibodeau, T: +1 267 895 1758 (toll free in the USA), M: +1 215 933 8484 (outside the USA), ray.thibodeau@contentednet.com

Authors are required to grant Archives of Disease in Childhood an exclusive licence to publish; further details available online at bmj.com/company/products-services/rights-and-licensing/

Disclaimer: The Editor of Archives of Disease in Childhood Education & Practice has been granted editorial freedom and Archives of Disease in Childhood Education & Practice is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. Archives of Disease in Childhood Education & Practice is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by Archives of Disease in Childhood Education & Practice does not imply endorsement. Neither RCPCH nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from Archives of Disease in Childhood Education & Practice (except for liability which cannot be legally excluded).

Copyright © 2020 BMJ Publishing Group Ltd 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

Archives of Disease in Childhood is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India and printed in the UK on acid-free paper.

Education & Practice (an edition of Archives of Disease in Childhood) is distributed in the US by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to Education & Practice, Air Business Ltd, c/o WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Education & Practice is an edition of Archives of Disease in Childhood that aims to assist paediatricians at all levels in their training and ongoing professional development. Education & Practice will evolve to continue to meet the needs of paediatricians.

Editorial Office

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK

E: archdischild@bmjgroup.com

Senior production editor: Malcolm Smith
production.adc@bmj.com

Contents

Epistle

- 1 Highlights from this issue *I D Wacogne*

Review

- 2 Placing education at the centre of the outpatient clinic improves learning and experiences for everyone using the multilevel attainment of learning, teaching and support (MALTS) approach *M Blair, E Worley, K McGuff*

Best practice and Fifteen-minute consultations

- 7 Fifteen-minute consultation: Assessing the child with persistent urticaria *S J Hardman, E Minshall*
- 13 Fifteen-minute consultation: Efficient investigation of the child with early developmental impairment in the era of genomic sequencing *T Coysh, S L Hogg, A PJ Parker*
- 19 Fifteen-minute consultation: How to be the paediatrician at a trauma call *R Begley, P A Martin, J Morgan, Z Roberts, S Mullen*
- 24 Fifteen-minute consultation: Prevention and treatment of chickenpox in newborns *C Holland, M Sadarangani*

Epilogues

- 31 Pica, lead poisoning and public health *K McManus, H Henderson*
- 34 Right shoulder pain in an athletic 14-year-old girl *J X Siew, F Yap*
- 37 Twelve-year-old boy presenting with recurrent abdominal pain and 25 urinary calculi *M Diplomato, P Marzuillo, D Capalbo, M Stanco, R Marotta, S Guarino*

Guideline review

- 38 Guideline review: Epinephrine use in anaphylaxis (AAP guideline 2017) *N Goodall*

Quality improvement

- 41 Early discharge and rehabilitation in paediatric acquired brain and neurological injury: a transferable model *R Keetley, OPEN ACCESS L Kelly, W P Whitehouse, S Thomas, E Bennett, G Chow, A Fletcher, J Williams*
- 44 Answers to the questions on page 37

Interpretations

- 46 How to use clinical signs of meningitis *A Tracy, T Waterfield*
- 50 How to use abdominal X-rays in preterm infants suspected of developing necrotising enterocolitis *R Soni, A Katana, J I Curry, P D Humphries, A Huertas-Ceballos*
- 58 How to use near-infrared spectroscopy *P Donnelly, M R Fine-Goulden*

Wellbeing at work

- 63 Hello my name is *A Baverstock, F Finlay*

Structured abstracts of sentinel articles: Picket

- 64 Drug-free inactive disease in juvenile idiopathic arthritis can be achieved for 40% of patients *L Chapman, A J Friend*

Subscription Information

Institutional rates 2020

Print (all ADC editions) £1036

Online

Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://group.bmj.com/subscribe/?ep> or contact the Subscription Manager in the UK (see above right)

ADC Education & Practice edition is published bimonthly and is available separately only to personal subscribers. Institutional customers receive all editions and supplements: Archives of Disease in Childhood is published monthly plus Fetal & Neonatal Edition bimonthly and Education & Practice Edition bimonthly

Personal rates 2020

Print (E&P edition only, includes online access at no additional cost) £138

Online only £110

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/subscribe/?ep> (payment by Visa/Mastercard only)

Residents of some EC countries and Canada must pay VAT; for details, call us or visit www.bmj.com/subscriptions/vatandpaymentinfo.dtl

ISSN 1743-0585 (print); 1743-0593 (online)

Impact factor: 1.487



www.publicationethics.org.uk

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

Member since 2008
JMO0014