

Editor-in-Chief: Lawrence F. Nazarian, *Rochester, NY*
Associate Editors: Tina L. Cheng, *Baltimore, MD*
 Joseph A. Zenel, *Sioux Falls, SD*
Editor, In Brief: Henry M. Adam, *Bronx, NY*
Consulting Editor, In Brief: Janet Serwint, *Baltimore, MD*
Editor, Index of Suspicion:
 Deepak M. Kamat, *Detroit, MI*
Consulting Editor Online and Multimedia
 Projects: Laura Ibsen, *Portland, OR*
Editor Emeritus and Founding Editor:
 Robert J. Haggerty, *Canandaigua, NY*
Managing Editor: Luann Zanzola
Medical Copy Editor: Deborah K. Kuhlman
Editorial Assistant: Sydney Sutherland
Editorial Office: Department of Pediatrics
 University of Rochester
 School of Medicine & Dentistry
 601 Elmwood Avenue, Box 777
 Rochester, NY 14642
 sydney_sutherland@urmc.rochester.edu

Editorial Board
 Hugh D. Allen, *Columbus, OH*
 Margie Andraec, *Ann Arbor, MI*
 Richard Antaya, *New Haven, CT*
 Denise Bratcher, *Kansas City, MO*
 George R. Buchanan, *Dallas, TX*
 Brian Carter, *Nashville, TN*
 David Cornfield, *Stanford, CA*
 Joseph Croffie, *Indianapolis, IN*
 B. Anne Eberhard, *New Hyde Park, NY*
 Philip Fischer, *Rochester, MN*
 Rani Gercige, *Miami, FL*
 Lindsey Grossman, *Springfield, MA*
 Patricia Hamilton, *London, United Kingdom*
 Hal B. Jenson, *Springfield, MA*
 Donald Lewis, *Norfolk, VA*
 Gregory Liptak, *Syracuse, NY*
 Susan Massengill, *Charlotte, NC*
 Jennifer Miller, *Gainesville, FL*
 Blaise Nemeth, *Madison, WI*
 Renata Sanders, *Baltimore, MD*
 Thomas L. Sato, *Milwaukee, WI*
 Sarah E. Shea, *Halifax, Nova Scotia*
 Andrew Sirotnak, *Denver, CO*
 Nancy D. Spector, *Philadelphia, PA*

Publisher: American Academy of Pediatrics
 Michael J. Held, Director, Division of Scholarly Journals and Professional Periodicals

Pediatrics in Review®

(ISSN 0191-9601) is owned and controlled by the American Academy of Pediatrics. It is published monthly by the American Academy of Pediatrics, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098. Statements and opinions expressed in *Pediatrics in Review®* are those of the authors and not necessarily those of the American Academy of Pediatrics or its Committees. Recommendations included in this publication do not indicate an exclusive course of treatment or serve as a standard of medical care. Subscription price for 2010 for print and online/online only: AAP Fellow \$172/\$131; AAP Candidate Fellow \$161/\$120; Nonmember \$215/\$167; Allied Health or Resident \$160/\$108. Institutions call for pricing (866-843-2271). For overseas delivery, add \$95. Current single issue price is \$10 domestic, \$12 international. Replacement issues must be claimed within 6 months from the date of issue and are limited to three per calendar year. Periodicals postage paid at ARLINGTON HEIGHTS, ILLINOIS and at additional mailing offices.

© AMERICAN ACADEMY OF PEDIATRICS, 2010. All rights reserved. Printed in USA. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.
 POSTMASTER: Send address changes to PEDIATRICS IN REVIEW®, American Academy of Pediatrics Customer Service Center, 141 Northwest Point Blvd., Elk Grove Village, IL 60007-1098.

Pediatrics in Review

Print Issue Editorial Board Disclosures

The American Academy of Pediatrics (AAP) Policy on Disclosure of Financial Relationships and Resolution of Conflicts of Interest for AAP CME Activities is designed to ensure quality, objective, balanced, and scientifically rigorous AAP CME activities by identifying and resolving all potential conflicts of interest before the confirmation of service of those in a position to influence and/or control CME content.

Every individual in a position to influence and/or control the content of AAP CME activities is required to disclose to the AAP, and subsequently to learners whether the individual has relevant financial relationships with manufacturers of commercial products and/or services discussed in the CME activities. Each of the editorial board members disclosed, if applicable, that the CME content he/she edits/writes may include discussion/reference to generic pharmaceuticals, off-label pharmaceutical use, investigational therapies, brand names, and manufacturers.

None of the editors had any relevant financial relationships to disclose, unless noted below. The AAP has taken steps to resolve any potential conflicts of interest.

Disclosures

- Richard Antaya, MD, FAAP, disclosed that he participates in Astellas Pharma, US, Inc., clinical trials, speaker bureau and advisory board; and that he participates in the Novartis speaker bureau.
- David N. Cornfield, MD, FAAP, disclosed that he has National Institutes of Health grants.
- Donald W. Lewis, MD, FAAP, disclosed that he is a consultant for and has a research grant from Astra Zeneca and Merck; and that he has research grants from Ortho McNeil, Lilly, Bristol-Myers Squibb, GlaxoSmithKline, and Boehringer Ingelheim Pharmaceutical.
- Blaise Nemeth, MD, MS, FAAP, has disclosed he has an unrestricted educational grant for fellowship from Biomet.
- Janet Serwint, MD, FAAP, disclosed that she receives a research grant from the Maternal and Child Health Bureau.



The composition and production of *Pediatrics in Review®* is supported, in part, through an educational grant from Abbott Nutrition, a division of Abbott Laboratories, Inc.

contents

Pediatrics in Review® Vol.31 No.12 December 2010

Articles

487 Newborn Respiratory Disorders

Jamie B. Warren, JoDee M. Anderson

497 Transition of Adolescents to Young Adulthood for Vulnerable Populations

Tressia M. Shaw, David E. DeLaet

506 Focus on Diagnosis: Pediatric Abdominal Imaging

Kelly M. Clayton

511 Research and Statistics: Sensitivity, Specificity, Predictive Values, and Likelihood Ratios

Diana N. Carvajal, Peter C. Rowe

514 Ethics for the Pediatrician: Children Who Have Special Health-care Needs: Ethical Issues

Alex Okun

Index of Suspicion:

Case 1: Fever, Barking Cough, Stridor, and Rash in an Infant

Case 2: Erythematous Papulovesicular Rash in a 3-month-old Girl

Case 3: Vomiting and Unrelenting Headaches in a 5-year-old Girl

Case 1: Rosibell Arcia, Surabhi Batra

Case 2: Nadia Bajwa, Dominique Belli

Case 3: Ryan Flanagan, Victoria Cartwright

519 In Brief

Iona Munjal, Nathan Litman

525 Isolation Precautions

Iona Munjal, Nathan Litman

Internet-Only Articles

Abstracts appear on page 518.

e86 Visual Diagnosis: Rash, Eye Pain, Lesions in an Adolescent

Sarah Powers, Gina Carter-Beard

e91 Complementary, Holistic, and Integrative Medicine: Meditation Practices for Pediatric Health

Erica M.S. Sibinga, Kathi J. Kemper



Cover: The artwork on the cover of this month's issue is by one of the winners of our 2009 Cover Art Contest, 5½-year-old Noorullah I of Mobile, Ala. Noorullah's pediatrician is Kathy Savell, MD.

Updated Information & Services

including high resolution figures, can be found at:
<http://pedsinreview.aappublications.org/content/31/12.citation>

Permissions & Licensing

Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
<https://shop.aap.org/licensing-permissions/>

Reprints

Information about ordering reprints can be found online:
<http://classic.pedsinreview.aappublications.org/content/reprints>

Pediatrics in Review®

AN OFFICIAL JOURNAL OF THE AMERICAN ACADEMY OF PEDIATRICS



31 (12)

Pediatrics in Review 2010;31:e86

The online version of this article, along with updated information and services, is located on the World Wide Web at:

<http://pedsinreview.aappublications.org/content/31/12.citation>

Pediatrics in Review is the official journal of the American Academy of Pediatrics. A monthly publication, it has been published continuously since 1979. Pediatrics in Review is owned, published, and trademarked by the American Academy of Pediatrics, 345 Park Avenue, Itasca, Illinois, 60143. Copyright © 2010 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 0191-9601.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

