

**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:** Janet Serwint, *Baltimore, MD*  
**Consulting 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, <i>Columbus, OH</i>	Lindsey Grossman, <i>Baltimore, MD</i>
Maigie Andreae, <i>Ann Arbor, MI</i>	Hal B. Jenson, <i>Springfield, MA</i>
Richard Antaya, <i>New Haven, CT</i>	Chris P. Johnson, <i>San Antonio, TX</i>
George R. Buchanan, <i>Dallas, TX</i>	J. Jeffrey Malatack, <i>Narberth, PA</i>
Latha Chandran, <i>Stony Brook, NY</i>	Gilbert I. Martin, <i>West Covina, CA</i>
Joseph Croffie, <i>Indianapolis, IN</i>	Blaise Nemeth, <i>Madison, WI</i>
B. Ann Eberhard, <i>New Hyde Park, NY</i>	John Pascoe, <i>Dayton, OH</i>
Howard Eigen, <i>Indianapolis, IN</i>	Thomas T. Sato, <i>Milwaukee, WI</i>
Leonard Feld, <i>Charlotte, NC</i>	Bennett A. Shaywitz, <i>New Haven, CT</i>
Jeremy N. Friedman, <i>Toronto, ON</i>	Nancy Spector, <i>Philadelphia, PA</i>
Vincent A. Fulginiti, <i>Tucson, AZ</i>	Surendra K. Varma, <i>Lubbock, TX</i>
Mark Goldstein, <i>Boston, MA</i>	Maximilian Zach, <i>Graz, Austria</i>

**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 2008 for print and online/online only: AAP Fellow \$163/\$124; AAP Candidate Fellow \$153/\$114; Nonmember \$204/\$159; Allied Health or Resident \$152/\$103. 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, 2008. 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

##### 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 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, if applicable.

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 the Astellas Pharma, US, Inc, speaker bureau, advisory board, and clinical trials, and in the Novartis speaker bureau.
- Joseph Croffie, MD, MPH, FAAP, disclosed that he has research grants from Sucampo Pharmaceuticals (Lubiprostone), Medtronic (Bravo pH Capsule), and TAP pharmaceuticals (Prevacid), that he is on a Medtronic Advisory Board, and that he serves on a speaker bureau for TAP.
- Howard Eigen, MD, FAAP disclosed that he serves on speaker bureaus of Astra Zeneca, Merck, GlaxoSmithKline, and TEVA, and that he is a consultant for TEVA and Astra Zeneca.
- Leonard Feld, MD, MMM, PhD, FAAP, disclosed that he is a speaker for and committee member of a Pediatric Board Review Course (sponsored by Abbott Nutrition) through the AAP New York Chapter.
- Jeremy N. Friedman, MD, CHB, FAAP, disclosed that he serves on the Medical Advisory Board of the Procter & Gamble Pampers Parenting Institute.
- Lindsey K. Grossman, MD, FAAP, disclosed that she is a consultant for Integra Case Management.
- Hal B. Jenson, MD, MBA, FAAP, disclosed that he is a speaker and vaccine advisory board member for Merck Vaccines as well as a speaker for Sanofi Pasteur.
- J. Jeffrey Malatack, MD, FAAP, disclosed that he is a member of the American Board of Pediatrics.
- Bennett A. Shaywitz, MD, FAAP, disclosed that he is a speaker/consultant for Eli Lilly Co.
- Surendra Varma, MD, FAAP, disclosed that he is on McKesson's Professional Advisory Board for Texas Medicaid and on the speaker bureau of Pfizer Corp.



The printing and production of *Pediatrics in Review®* is made possible, in part, by an educational grant from Abbott Nutrition.

**Answer Key:** 1. D; 2. B; 3. D; 4. D; 5. D; 6. D; 7. B; 8. D; 9. B; 10. D; 11. C; 12. E; 13. B

# contents

Pediatrics in Review® Vol.29 No.8 August 2008

## Articles

### 255 Anaphylaxis

Kirk H. Waibel

### 264 Cephalosporins: A Review

Christopher J. Harrison, Denise Bratcher

### 274 Infant Feeding in Special Circumstances

Rebecca Cherry, Dan W. Thomas

### 281 Index of Suspicion

Case 1: Sergio Fanella, Joanne Embree

Case 2: Bhawana Arora, Sauraby Goel

Case 3: Frank J. Probst, Ankita Patel, Arthur L. Beaudet

### 289 Focus on Diagnosis: Type 2 Diabetes Mellitus

Kristi M. Cowell

## In Brief

### 292 International Adoption

### 294 Blunt Abdominal Trauma

## Internet-Only Article

Abstract appears on page 288.

### e44 Asthma: A Review of Complementary and Alternative Therapies

Cecilia Bukutu, Christopher Le, Sunita Vohra



Cover: The artwork on the cover of this month's issue is by one of the winners of our 2007 Cover Art Contest, 12-year-old Alicia McCabe of St. Louis, Mo. Alicia's pediatrician is Jan G. Mueller, MD.