

**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, <i>Columbus, OH</i>	Mark Goldstein, <i>Boston, MA</i>
Margie Andraec, <i>Ann Arbor, MI</i>	Lindsey Grossman, <i>Baltimore, MD</i>
Richard Antaya, <i>New Haven, CT</i>	Patricia Hamilton, <i>London, United Kingdom</i>
Denise Bratcher, <i>Kansas City, MO</i>	Hal B. Jenson, <i>Springfield, MA</i>
George R. Buchanan, <i>Dallas, TX</i>	Donald Lewis, <i>Norfolk, VA</i>
Brian Carter, <i>Nashville, TN</i>	Gregory Liptak, <i>Syracuse, NY</i>
Latha Chandran, <i>Sony Brook, NY</i>	Blaise Nemeth, <i>Madison, WI</i>
David Cornfield, <i>Sanford, CA</i>	John Pascoe, <i>Danvers, OH</i>
Joseph Croffie, <i>Indianapolis, IN</i>	Thomas T. Sato, <i>Milwaukee, WI</i>
B. Anne Eberhard, <i>New Hyde Park, NY</i>	Sarah E. Shea, <i>Halifax, Nova Scotia</i>
Leonard Feld, <i>Charlotte, NC</i>	Nancy Spector, <i>Philadelphia, PA</i>
Rani Gereige, <i>Tampa, FL</i>	Surendra K. Varma, <i>Lubbock, TX</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 2009 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, 2009. 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 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 and serves on speaker bureaus of Sucampo Pharmaceuticals (Lubiprostone), Brintree Labs (Miralax Halibutly), Medtronics (Bravo pH Capsule), Tap pharmaceuticals (Prevacid).
- 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.
- 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.
- 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.



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

# contents

Pediatrics in Review® Vol.30 No.8 August 2009

## Articles

### 287 Lower Extremity Disorders in Children and Adolescents

Brian G. Smith

### 295 Foreign Body Ingestion and Aspiration

Marisa C. Louie, Stuart Bradin

### 302 Cystic Fibrosis

Gregory S. Montgomery, Michelle Howenstine

### 311 Index of Suspicion

Case 1: Arpi Bekmezian, Joseph L. Lasky III

Case 2: Sami Osman, Ahmad K. Kaddurah

Case 3: Ana Milena Sanchez Varela, Kendra Velez, Ofelia Alvarez

### 317 Evidence-based Medicine: Applying Valid Evidence

Gary M. Onady

## Research and Statistics:

### 323 Case Reports, Anecdotal Evidence, and Descriptive Epidemiologic Studies in Pediatric Practice

Eva M. Moore, Sara B. Johnson

## In Brief

### 326 Influenza and Parainfluenza

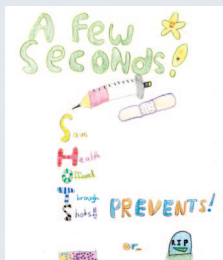
## Internet-Only Article

Abstract appears on page 325.

### e59 Teething: Facts and Fiction

Lisa Markman

### e65 Cover Art Contest



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 Lauren Amato of Gresham, Ore. Lauren's pediatrician is Denise Kinstetter, MD.

Answer Key: 1. D; 2. E; 3. C; 4. C; 5. D; 6. E; 7. D; 8. B; 9. D;

Downloaded from <http://pedsinreview.aappublications.org/> by guest on December 5, 2020

**Updated Information & Services**

including high resolution figures, can be found at:  
<http://pedsinreview.aappublications.org/content/30/8.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



30 (8)

*Pediatrics in Review* 2009;30:e65

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/30/8.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 © 2009 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 0191-9601.

## American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

