

Editor-in-Chief: Lawrence F. Nazarian, *Rochester, NY*
Deputy Editor: Joseph A. Zenel, *Sioux Falls, SD*
Associate Editor: Tina L. Cheng, *Baltimore, MD*
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 Copyediting: Dartmouth Journal Services
Editorial Assistants: Kathleen Bernard, Erin Carlson

Editorial Office: Department of Pediatrics
University of Rochester
School of Medicine & Dentistry
601 Elmwood Avenue, Box 777
Rochester, NY 14642
kbernard@aap.org

Editorial Board

Hugh D. Allen, *Columbus, OH*
Richard Antava, *New Haven, CT*
Denise Bratcher, *Kansas City, MO*
Brian Carter, *Nashville, TN*
Joseph Croffie, *Indianapolis, IN*
B. Anne Eberhard, *New Hyde Park, NY*
Philip Fischer, *Rochester, MN*
Rani Gereige, *Miami, FL*
Lindsay Grossman, *Springfield, MA*
Patricia Hamilton, *London, United Kingdom*
Jacob Hen, *Bridgeport, CT*
Jeffrey D. Hord, *Akron, OH*
Donald Lewis, *Norfolk, VA*
Gregory Liptak, *Syracuse, NY*
Michael Mackinn, *Cleveland, OH*
Susan Massengill, *Charlotte, NC*
Jennifer Miller, *Gainesville, FL*
Blaise Nemeth, *Madison, WI*
Mobeen Rathore, *Jacksonville, FL*
Renata Sanders, *Baltimore, MD*
Thomas L. Sato, *Milwaukee, WI*
Sarah E. Shea, *Halifax, Nova Scotia*
Andrew Sirotiak, *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 2012 for print and online/online only: AAP/CPS Member \$189/\$141; AAP National Affiliate Member \$146/\$99; Nonmember \$231/\$179; Allied Health or In-training \$172/\$116.

Institutions call for pricing (866-843-2271). For overseas delivery, add \$114.

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, 2012. 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. All individuals in a position to influence and/or control the content of AAP CME activities are required to disclose to the AAP and subsequently to learners that the individual either has no relevant financial relationships or any financial relationships with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in CME activities. Commercial interest is defined as any entity producing, marketing, reselling or distributing health-care goods or services consumed by, or used on, patients.

Each of the editorial board members, reviewers, question writers, PREP Coordinating Committee members and staff has disclosed, if applicable, that the CME content he/she edits/writes/reviews may include discussion/reference to generic pharmaceuticals, off-label pharmaceutical use, investigational therapies, brand names, and manufacturers. None of the editors, board members, reviewers, question writers, PREP Coordinating Committee members, or staff has any relevant financial relationships to disclose, unless noted below. The AAP has taken steps to resolve any potential conflicts of interest.

Disclosures

- Richard Antava, 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.
- Athos Bousvaros, MD, MPH, FAAP, disclosed that he has research grants from Merck and UCB; and that he is a paid consultant and on the speaker bureau for Millennium.
- 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.
- Mobeen Rathore, MD, FAAP, disclosed that he is a consultant and on the speaker bureaus for GSK, Medimmune, Merck, Novartis, and Pfizer.
- Richard Sills, MD, FAAP, disclosed that he receives a research grant from Novartis.
- Rudolph Valentini has disclosed he receives a research grant from Abbott Laboratories.



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



Cover: The artwork on the cover of this month's issue is by one of the winners of our 2011 Cover Art Contest, 11-year-old Sadhana D. of Suwanee, GA. Sadhana's pediatrician is Aparna Peethambaram, MD.

Answer Key for February issue:

Cardiovascular Disease: 1. E; 2. C; 3. C; 4. D; 5. D

Lupus: 1. D; 2. B; 3. B; 4. B; 5. E

Thyroid Nodules: 1. B; 2. B; 3. E; 4. E; 5. E

contents

Pediatrics in Review® Vol.33 No.3 March 2012

Articles

99 Psychological Aspects of Chronic Health Conditions

James M. Perrin, Sangeeth Gnanasekaran, Jennifer Delahaye

109 Clarifications

110 Intellectual Disability (Mental Retardation)

Sarah E. Shea

122 Encephalitis in the Pediatric Population

Stephen J. Falchek

Index of Suspicion

Case 1: Irritability and Signs of Peritonitis in a Neonate

Case 2: Red Eye, Excessive Tearing, Photophobia, Irritability, and Splenomegaly in an Infant

Case 3: 2-year-old Girl Who Has Cough, Right Pulmonary Abnormalities

Case 1: Eric Dziuban, Kerry Mychaliska

Case 2: Sanjeev Tuli, Sonal Tuli, Nausheen Khuddus

Case 3: Dirk E. Bock, April Price, Dhenuka K. Radhakrishnan, Dimas Mateos-Corral

In Brief

142 Conflict Resolution During Adolescence

Debbie Chavez, Coral L. Steffey

Online-Only Articles

Abstract appears on page 134.

e18 Visual Diagnosis: A Male Infant Who Has A White Hair Tuft and Hypopigmented Macules

Joshua Wong

CME statements:

The American Academy of Pediatrics (AAP) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The AAP designates this journal-based CME activity for a maximum of 36 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is acceptable for a maximum of 36 AAP credits. These credits can be applied toward the AAP CME/CPD* Award available to Fellows and Candidate Members of the AAP.

The American Academy of Physician Assistants accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

This program is approved for 36 NAPNAP CE contact hours; pharmacology (Rx) contact hours to be determined per the National Association of Pediatric Nurse Practitioners (NAPNAP) Continuing Education Guidelines.

*Continuing Professional Development

New minimum performance level requirements:

Per the 2010 revision of the American Medical Association (AMA) Physician's Recognition Award (PRA) and credit system, a minimum performance level must be established on enduring material and journal-based CME activities that are certified for *AMA PRA Category 1 Credits™*. In order to successfully complete 2012 *Pediatrics in Review* articles for *AMA PRA Category 1 Credits™*, learners must demonstrate a minimum performance level of 60% or higher on this assessment, which measures achievement of the educational purpose and/or objectives of this activity.

Starting with 2012 *Pediatrics in Review*, *AMA PRA Category 1 Credits™* can be claimed only if 60% or more of the questions are answered correctly. If you score less than 60% on the assessment, you will be given additional opportunities to answer questions until an overall 60% or greater score is achieved.

No product-specific advertising of any type, or links to product web sites, appear in this educational activity.

How to complete this activity:

Pediatrics in Review can be accessed and reviewed in print or online at <http://pedsinreview.aapublications.org>. Learners can claim credit monthly online upon completion of each CME article. The deadline for completing this activity is December 31, 2012. Learners must complete each CME article. This activity is not considered to have been completed until the learner documents participation in this activity to the provider via online submission of answers. Course evaluations will be required online.

Updated Information & Services

including high resolution figures, can be found at:
<http://pedsinreview.aappublications.org/content/33/3>

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



33 (3)

Pediatrics in Review 2012;33:e18

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/33/3>

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 © 2012 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 0191-9601.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

