

ARTICLES

- 500** *Borrelia burgdorferi* (Lyme Disease)
Eugene D. Shapiro
- 510** Complementary and Integrative Methods in Fibromyalgia
Ather Ali, Paul L. McCarthy
- 519** Respiratory Syncytial Virus Infection and Bronchiolitis
Giovanni Piedimonte, Miriam K. Perez

INDEX OF SUSPICION

- 531** **Case 1: Malaise, Ataxic Gait, and Somnolence in a 2-Year-Old Boy With a History of Neonatal Cholestasis**
Hayriye Hizarcioğlu-Gulsen, Yusuf Aydemir, Safak Guçer, Burcu Berberoglu-Ates, Gulin Hizal, Bora Peynircioğlu, Inci Nur Saltik-Temizel
- Case 2: Failure to Thrive and Shaking Episodes in 1-Year-Old Boy**
Harmanpreet Chawla, Paul Schwartzberg, Nader Nakhleh, Beth Loveridge-Lenza, Cathleen Ballance, Richard Sultan, Srividya Naganathan
- Case 3: Jaundice in a 7-Year Old Girl**
Fabian Ngido, Sudipta Misra

IN BRIEF

- 538** Tall Stature
Shiva Zargham, Jennifer Erin Crotty
- 539** CME Quiz Correction

ONLINE

- e61** Visual Diagnosis: 3-Year-Old Boy With Persistent Right Chest Wheezing
Shahnawaz M. Amdani, Naresh Reddivalla, Magda Mendez, Orlando Perales
- e64** Visual Diagnosis: Chest Pain in a Boy With Duchenne Muscular Dystrophy and Cardiomyopathy
Philip T. Thrush, Kevin M. Flanigan, Jerry R. Mendell, Subha V. Raman, Curt J. Daniels, Hugh D. Allen

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 2014 for print and online/online only: AAP/CPS Member \$194/\$148; AAP National Affiliate Member \$153/\$104; Nonmember \$243/\$188; Allied Health or In-training \$180/\$122. Institutions call for pricing (866-843-2271). For overseas delivery, add \$120. 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, 2014.
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

- Paula Algranati, MD, FAAP, has disclosed that her family member is on the AstraZeneca speaker bureau.
- Athos Bousvaros, MD, MPH, FAAP, disclosed that he has research support from Promethues Laboratories, Inc.; and that he is a paid consultant for Cubist Pharmaceuticals, Dyax Corp., and Millennium.
- Lynn Garfunkel, MD, FAAP, disclosed that her family member is an employee of Philips Healthcare.
- Nupur Gupta, MD, MPH, disclosed she receives royalties from PRinger US as co-editor for MassGeneral Hospital for Children Handbook of Pediatric Global Health.
- Blaise Nemeth, MD, MS, FAAP, has disclosed he has an unrestricted educational grant for fellowship from Biomet.
- Ilene Fennoy, MD, MPH, has disclosed she receives a research grant for The Answer Program-GH therapy from Novo-Nordisk.
- Paul Graham Fisher, MD, has disclosed that he owns stock/bonds in Johnson & Johnson and that he serves on the editorial board of the *Journal of Pediatrics*.
- Richard Sills, MD, FAAP, disclosed that he receives a research grant from Novartis.
- Miriam Weinstein, MD, has disclosed she is a paid consultant and advisory board member for Johnson & Johnson, Pierre Fabre, PediaPharm, Tribute, and Valeant; she is a paid consultant for La Roch Posay (funding to attend and support a hospital-run eczema teaching center); and receives honoraria for lectures from Galderma and PediaPharm.
- Robert Witter, MD, disclosed that he is on the speakers' bureaus of Sanofi Pasteur Vaccines and Novartis Vaccines.

The journal extends special thanks to the following question writers who contributed to this issue:

- Melissa Held, MD
- OJ Sahler, MD

Editor-in-Chief: Joseph A. Zenil, *Sioux Falls, SD*
Associate Editor: Hugh D. Allen, *Houston, TX*
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*
Editor, CME: Paula Algranati, *Longmeadow, MA*
Editorial Fellow: Mark F. Weems, *Memphis, TN*
Editor Emeritus: Lawrence F. Nazarian, *Rochester, NY*
Founding Editor: Robert J. Haggerty, *Canandaigua, NY*
Managing Editor: Luann Zanzola
Editorial Associate: Sara Strand
Medical Copyediting: Laura King

EDITORIAL BOARD

- Robert D. Baker, *Buffalo, NY*
- Peter F. Belamarich, *Bronx, NY*
- Theresa Auld Bingemann, *Rochester, NY*
- Denise Bratcher, *Kansas City, MO*
- Brian Carter, *Nashville, TN*
- Stephen E. Dolgin, *New Hyde Park, NY*
- Philip Fischer, *Rochester, MN*
- Lynn Garfunkel, *Rochester, NY*
- Rani Gereige, *Miami, FL*
- Joseph Gigante, *Nashville, TN*
- Nupur Gupta, *Boston, MA*
- Jacob Hen, *Bridgeport, CT*
- Jeffrey D. Hord, *Akron, OH*
- Neal S. LeLeiko, *Providence, RI*
- Michael Macknin, *Cleveland, OH*
- Susan Messengill, *Charlotte, NC*
- Jennifer L. Miller, *Gainesville, FL*
- Carrie A. Phillipi, *Portland, OR*
- Peter Pizzutillo, *Philadelphia, PA*
- Mobeen Rathore, *Jacksonville, FL*
- E. Steve Roach, *Columbus, OH*
- Sarah E. Shea, *Halifax, Nova Scotia*
- Andrew Sirotnak, *Denver, CO*
- Miriam Weinstein, *Toronto, ON*

PUBLISHER: American Academy of Pediatrics

Pediatrics in Review offers 36 CME articles per year. A maximum of one *AMA PRA Category 1 Credit™* is earned after achieving a 60% score on each designated quiz.

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 1.00 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity is acceptable for a maximum of 1.00 AAP credit. 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 certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME. Physician assistants may receive a maximum of 1.00 hour of Category 1 credit for completing this program.

This program is accredited for 1.00 NAPNAP CE contact hour; pharmacology (Rx) and psychopharmacology contact hours to be determined per the National Association of Pediatric Nurse Practitioners (NAPNP) Continuing Education Guidelines.

It has been established that each CME activity will take the learner approximately 1 hour to complete.

*Continuing Professional Development

How to complete this activity:

Pediatrics in Review can be accessed and reviewed in print or online at <http://pedsinreview.aappublications.org>. Learners can claim credit monthly online upon completion of each CME article. The deadline for completing this activity is December 31, 2016. Credit will be recorded in the year in which it is submitted. It is estimated that it will take approximately 1 hour to complete each CME article. This activity is not considered to have been completed until the learner documents participation in that activity to the provider via online submission of answers. Course evaluations are online.



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

Answer Key appears on page 539.

Updated Information & Services

including high resolution figures, can be found at:
<http://pedsinreview.aappublications.org/content/35/12>

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



35 (12)

Pediatrics in Review 2014;35:e64

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/35/12>

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 © 2014 by the American Academy of Pediatrics. All rights reserved. Print ISSN: 0191-9601.

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

