



To learn how to claim MOC points, go to: <http://www.aappublications.org/content/moc-credit>.

ARTICLES

51 **Understanding Unicameral and Aneurysmal Bone Cysts**

Joseph Rosenblatt, Adrienne Koder

60 **Congestive Heart Failure in Children**

Jack F. Price

71 **Novel Drugs of Abuse**

George Sam Wang, Christopher Hoyte

INDEX OF SUSPICION

79 **Case 1: A Medically Complex 10-month-old Boy with Lethargy**

Michael S. Toce, Todd W. Lyons

82 **Case 2: A 13-year-old Boy with a Perplexing Rash**

Shafee Salloum, Apton Lane

85 **Case 3: Gait Instability and Elevated Troponin Level in a 16-year-old Boy**

Carrie Johnson, Shaun Mohan

88 **Case 4: Altered Mental Status in a 6-year-old Boy**

Kabelo Thusang, Chineyere Onyearugbulem, Jennifer Chao, Davor Skaricic

IN BRIEFS

90 ***Pasteurella multocida***

Leora Mogilner, Cynthia Katz

93 **Seborrhea**

Olanrewaju O. Falusi

95 **Editors' Note**

ONLINE

e7 **Visual Diagnosis: A 19-month-old Girl with a Lumbosacral Mass**

Isadore Tarantino, Rachel Lieberman, Timothy Zinkus, Paul Grabb

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, 345 Park Blvd., Itasca, IL 60143.

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 2019 for print and online/online only: AAP/CPS Member \$220/\$168; AAP National Affiliate Member \$165/\$115; Nonmember \$275/\$215; AAP In-training Member \$165/\$115; Nonmember In-training/Allied Health \$195/\$135. Institutions call for pricing (866-843-2271). For overseas delivery, add \$120. Current single issue price is \$22 domestic, \$25 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, 2019. 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, 345 Park Blvd., Itasca, IL 60143.

Pediatrics in Review®

Editor-in-Chief: Joseph A. Zenel, *Sioux Falls, SD*

Deputy Editor: Hugh D. Allen, *Houston, TX*

Associate Editor, Index of Suspicion: Philip R. Fischer, *Rochester, MN*

Associate Editor, Visual Diagnosis: Mark F. Weems, *Memphis, TN*

Associate Editor, In Brief: Henry M. Adam, *Bronx, NY*

Associate Editor, In Brief: Janet Serwint, *Baltimore, MD*

Associate Editor, CME: Rani Gereige, *Miami, FL*

EDITORIAL BOARD

Robert D. Baker, *Buffalo, NY*

Peter F. Belamarich, *Bronx, NY*

Eyal Ben-Isaac, *Los Angeles, CA*

Theresa Auld Bingemann, *Rochester, NY*

Stephen E. Dolgin, *New Hyde Park, NY*

Linda Y. Fu, *Washington, DC*

Lynn Garfunkel, *Rochester, NY*

Nupur Gupta, *Boston, MA*

Gregory A. Hale, *St. Petersburg, FL*

Thomas C. Havranek, *Bronx, NY*

Jacob Hen Jr., *Trumbull, CT*

Jeffrey D. Hord, *Akron, OH*

Aamir Jeewa, *Toronto, ON*

Assistant Editor, Index of Suspicion; Early Career Physician:

Heather Campbell, *Washington, DC*

Editorial Fellow: Catherine Forster, *Washington, DC*

Managing Editor: Sara Weissenborn

Medical Copyediting: Lisa Cluver

Neal S. LeLeiko, *Providence, RI*

Michael Macknin, *Cleveland, OH*

Susan Massengill, *Charlotte, NC*

Elaine M. Pereira, *New York, NY*

Peter Pizzuttillo, *Philadelphia, PA*

Mobeen Rathore, *Jacksonville, FL*

Jennifer S. Read, *Rockville, MD*

E. Steve Roach, *Austin, TX*

Sarah E. Shea, *Halifax, Nova Scotia*

Andrew Sirotnak, *Denver, CO*

Miriam Weinstein, *Toronto, ON*

Shabana Yusuf, *Houston, TX*

PUBLISHER: American Academy of Pediatrics

Mary Lou White, Chief Product Officer/Senior Vice President, Membership, Marketing and Publishing

Mark Grimes, Vice President, Publishing

Joseph Puskarz, Director, Journal Publishing

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

- Nupur Gupta, MD, disclosed that she receives royalties from Springer as co-editor of the MassGeneral Hospital for Children Handbook of Pediatric Global Health and that her spouse has a stocks/bonds relationship with Amrin.
- Neal LeLeiko, MD, PHD, disclosed he owns stocks/bonds in Celgene Corp. and serves as a paid consultant to AbbVie Inc. as a member of the data monitoring board of an investigational drug potentially of use in inflammatory bowel disease.
- Mobeen Rathore, MD, CPE, disclosed that is a member of the advisory boards for Squire and GSK and is a consultant for Viiv Healthcare.
- E. Steve Roach, MD, disclosed he receives an honorarium from Elsevier for serving as editor of *Pediatric Neurology*.
- Miriam Weinstein, MD, disclosed the following paid consultant relationships: Paladin Labs, for participating in a product review; RX Briefcase, for consulting on a pharmacist training program on managing eczema; Johnson and Johnson, for participating in the advisory board; and Pfizer, Inc. for participating in the advisory board for an eczema product.

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

–Erin Knoebel, MD, MPH

–John Sarwark, MD

–Susan Perlman, MD

–James Wilde, MD

–Sydney Rice, MD, MSc

–Shabana Yusuf, MD, MEd

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. 2019

Pediatrics in Review is approved for a total of 30 Maintenance of Certification (MOC) Part 2 credits by the American Board of Pediatrics through the AAP MOC Portfolio Program.

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 (NAPNAP) 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, 2021. 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.

MOC STATEMENT:

This activity is approved for 30.00 points of MOC Part 2 credit by the American Board of Pediatrics. All approved activities must be completed by the MOC Credit Approval End Date. All deadlines and MOC point values should be confirmed by checking the ABP Activity Catalog within each physician's ABP Portfolio. Learners must complete a minimum of 30 quizzes from the 2019 CME articles, with a minimum passing score of 60% on each, to earn 30 MOC part 2 points.