COMMENTARY
1 Emphasis on the First Syllable
Joseph A. Zenel

ARTICLES
3 Sleep-Disordered Breathing in Children
Kevin Gipson, Mengdi Lu, T. Bernard Kinane

14 Acute Myocarditis and Pericarditis in Children
Hari Tunuguntla, Aamir Jeewa, Susan W. Denfield

26 Rationale for the Immunization Schedule: Why Is It the Way It Is?
Varun U. Shetty, Parul Chaudhuri, Camille Sabella

INDEX OF SUSPICION
37 Case 1: Syncope in a 16-year-old Girl
Arhanti Sadanand, Meagan Ladell, Kayleigh Fischer

40 Case 2: A 2-year-old Girl with Difficulty Bearing Weight
Stephanie Vander-Plas, Ngozi I. Eboh

42 Case 3: An 11-month-old Boy with New Bradycardia
Christin T. Folker, Joseph W. May

46 Case 4: Weight Loss and Cough in a 12-year-old Boy
Peter J. Holmberg, Eugene Owusu-Achaw, Adoma Dwomo-Fokuo

IN BRIEF
49 Ear Piercing
Jillian Parekh, Faye Kokotos

ONLINE
e1 Visual Diagnosis: Teenager with Fever, Petechiae, Confusion, and Weakness
Senthil Velan Bhoopalan, Rupesh Kumar Natarajan, David Di John

To learn how to claim MOC points, go to: http://www.aappublications.org/content/moc-credit.
PEDIATRICS IN REVIEW®

Editor-in-Chief: Joseph A. Zenel, Sioux Falls, SD
Deputy Editor: Hugh D. Allen, Houston, TX
Associate Editor, Index of Suspicion: Phillip 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 Servint, 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 Bingenmann, 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 Jeeva, Toronto, ON

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 sound 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), disclosed or not disclosed, 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 Amin.
• 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 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:
– Catherine Wiley, MD
– Robert Wittler, MD
– Philip Wackel, MD

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 in Category 2B by the American Board of Pediatrics. All requirements must be met. The learner must be enrolled in the MOC Program 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.