JANUARY 2019 · VOLUME 143 · NUMBER 1

## \_ icon legend.

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



= supplement



= data file/supplementary information available online



= podcast available online



= video available online



= funded by NIH

## contents

**Classified Advertisements & Announcements** 

A13-A18

12

16

19

For Author Guidelines please visit www.pediatrics.org

For a Thank You to Our Reviewers please visit www.pediatrics.org/cgi/doi/10.1542/peds.2017Tribute

## ARTICLES





Home Health Care Availability and Discharge **Delays in Children With Medical Complexity** 

> · This prospective study examines the impact a pediatric HCN shortage has on hospital LOS, costs, and readmissions.

Roy Maynard, Eric Christensen, Rhonda Cady, Abraham Jacob, Yves Ouellette, Heather Podgorski, Brenda Schiltz, Scott Schwantes, William Wheeler





Estimated Nonreimbursed Costs for Care **Coordination for Children With Medical Complexity** 

> · In this observational study, we estimate the time and nonreimbursed direct salary costs for care coordination in an ACO-aligned multidisciplinary program.

Sarah D. Ronis, Richard Grossberg, Rabon Allen, Andrew Hertz, Lawrence C. Kleinman

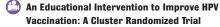




## Meningococcal Disease Among College-Aged Young Adults: 2014-2016

• In this evaluation, we assess the incidence, risk, and characteristics of meningococcal disease in college-aged young adults in the United States.

Sarah A. Mbaeyi, Sandeep J. Joseph, Amy Blain, Xin Wang, Susan Hariri, Jessica R. MacNeil



· We examine the effect of a digital educational intervention linked to previous vaccine history on HPV vaccination decisions in urban pediatric settings.

Brian E. Dixon, Gregory D. Zimet, Shan Xiao, Wanzhu Tu, Brianna Lindsay, Abby Church, Stephen M. Downs

The print edition of Pediatrics contains abstracts of original research and full text of policies of the American Academy of Pediatrics. Full text of original research and all other journal article types can be found online at www.pediatrics.org.

### **Stay Connected**









Sample citation format: Ralston SL, Garber MD, Rice-Conboy E, et al. A Multicenter Collaborative to Reduce Unnecessary Care in Inpatient Bronchiolitis. Pediatrics. 2016;137(1):e20150851

American Academy of Pediatrics DEDICATED TO THE HEALTH OF ALL CHILDREN\*



JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## ARTICLES (continued)

#### **Neonatal Head Circumference in Newborns With Neonatal Abstinence Syndrome**

• Chronic opioid use during pregnancy resulting in NAS is associated with smaller HCs at birth.

Craig V. Towers, Branson W. Hyatt, Kevin C. Visconti, Lindsey Chernicky, Katie Chattin, Kimberly B. Fortner



#### Positive Predictive Value of Administrative Data for Neonatal Abstinence Syndrome

· In this study, we assessed the predictive value of an algorithm to identify cases of NAS using administrative data.

Faouzi I. Maalouf, William O. Cooper, Shannon M. Stratton, Judith A. Dudley, Jean Ko, Anamika Banerji, Stephen W. Patrick



### 🗎 Father-Son Communication About Consistent and **Correct Condom Use**

· We use this study to explore the feasibility and acceptability of father-son communication about condom use and examine associated barriers, preferences, and opportunities to reduce male SRH disparities.

Vincent Guilamo-Ramos, Marco Thimm-Kaiser, Adam Benzekri, Christopher Rodriguez, Taleria R. Fuller, Lee Warner, Fmilia H.A. Koumans



#### **Insurance Mandates and Out-of-Pocket Spending** for Children With Autism Spectrum Disorder

· Insurance mandates for children's autism increase service use, but do they also increase out-of-pocket spending?

Molly K. Candon, Colleen L. Barry, Steven C. Marcus, Andrew J. Epstein, Alene Kennedy-Hendricks, Ming Xie, David S. Mandell



#### Physical Activity and Sedentary Behavior From 6 to 11 Years

· With this study, we observe an earlier decline of PA and increase of SB than previously thought.

Phillipp Schwarzfischer, Dariusz Gruszfeld, Anna Stolarczyk, Natalia Ferre, Joaquin Escribano, Déborah Rousseaux, Melissa Moretti, Benedetta Mariani, Elvira Verduci, Berthold Koletzko, Veit Grote



## Developmental Outcomes in Duarte Galactosemia

 In this study of 350 children, we demonstrate that there are no negative developmental consequences of DG regardless of milk exposure in infancy.

Grace Carlock, S. Taylor Fischer, Mary Ellen Lynch, Nancy L. Potter, Claire D. Coles, Michael P. Epstein, Jennifer G. Mulle, Julie A. Kable, Catherine E. Barrett, Shannan M. Edwards, Elizabeth Wilson, Judith L. Fridovich-Keil

## icon legend

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



22

26

27

30

31

32

= supplement



= data file/supplementary information available online



= podcast available online



= video available online





JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## ARTICLES (continued)



#### Postdischarge Mortality Prediction in Sub-Saharan Africa

after a hospital discharge.

• In this study, we show the burden of PDM in Southern Mozambique, identifying predictors that could be used efficiently to stratify children with a higher risk of dying

Lola Madrid, Aina Casellas, Charfudin Sacoor, Llorenç Quintó, Antonio Sitoe, Rosauro Varo, Sozinho Acácio, Tacilta Nhampossa, Sergio Massora, Betuel Sigaúque, Inacio Mandomando, Simon Cousens, DipMathStat, Clara Menéndez, Pedro Alonso, Eusebio Macete, Quique Bassat





## Trends in Outpatient Antibiotic Use in 3 Health Plans

• Evidence through 2010 suggested a slowing of the decline in antibiotic use among children. Data from 3 health plans now reveal additional declines through 2014.

Jonathan A. Finkelstein, Marsha A. Raebel, James D. Nordin, Matthew Lakoma, Jessica G. Young





### **Neonatal Intubation Practice and Outcomes: An International Registry Study**

• In this study, we report results of a novel international airway registry of endotracheal intubation in the NICU and DR settings.

Elizabeth E. Foglia, Anne Ades, Taylor Sawyer, Kristen M. Glass, Neetu Singh, Philipp Jung, Bin Huey Quek, Lindsay C. Johnston, James Barry, Jeanne Zenge, Ahmed Moussa, Jae H. Kim, Stephen D. DeMeo, Natalie Napolitano, Vinay Nadkarni, Akira Nishisaki, for the NEAR4NEOS Investigators



### Nurse Home Visiting for Families Experiencing **Adversity: A Randomized Trial**

· The right@home program demonstrated that delivery of NHV within Australian universal well-child health services can be used to effectively improve parenting and the home learning environment.

Sharon Goldfeld, Anna Price, Charlene Smith, Tracey Bruce, Hannah Bryson, Fiona Mensah, Francesca Orsini, Lisa Gold, Harriet Hiscock, Lara Bishop, Ashlee Smith, Susan Perlen, Lynn Kemp



### **Early Caffeine Administration and Neurodevelopmental Outcomes in Preterm Infants**

· Preterm neonates who received caffeine (within 2 days of birth) had lower odds of sNDI at 18 to 24 months' CA.

Abhay Lodha, Rebecca Entz, Anne Synnes, Dianne Creighton, Kamran Yusuf, Anie Lapointe, Junmin Yang, Prakesh S. Shah, on behalf of the investigators of the Canadian Neonatal Network (CNN) and the Canadian Neonatal Follow-up Network (CNFUN)

## icon legend

Most of the articles in  $\ensuremath{\textit{PEDIATRICS}}$  have more content available online at www.pediatrics.org.



35

38

39

40

= supplement



= data file/supplementary information available online



= podcast available online



= video available online





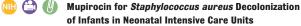
JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## ARTICLES (continued)







• In this study, we use a randomized controlled trial design to elucidate the ability of a 5-day course of mupirocin to reduce SA decolonization among infants who are critically ill.

Karen L. Kotloff, Debbie-Ann T. Shirley, C. Buddy Creech, Sharon E. Frey, Christopher J. Harrison, Mary Staat, Evan J. Anderson, Susan Dulkerian, Isaac P. Thomsen, Mohamad Al-Hosni, Barbara A. Pahud, David I. Bernstein, Jumi Yi, Joshua E. Petrikin, Beth Haberman, Kathy Stephens, Ina Stephens, Randolph E. Oler Jr, Tom M. Conrad

#### **Work Experiences and Satisfaction of International Medical School Graduates**

· In this study, we examine the work experiences and satisfaction levels of pediatricians who are IMGs and working in the United States.

Shesha K. Katakam, Mary Pat Frintner, Cristina Pelaez-Velez, Rana Chakraborty

## **Global Health Education for Pediatric Residents:** Trends, Training Experiences, and Career Choices

• In this article, we describe patterns in GH training, GH education assessment, and GH career plans using national samples of US pediatric residents who graduated in 2008 and 2016.

Suzinne Pak-Gorstein, Mary Pat Frintner, Cliff O'Callahan, Jonathan Spector, Nicole E. St Clair, Cindy Howard, Melanie Anspacher

The Moral Imperative of Home Health Care for

Kate Lucey, Craig F. Garfield

## **COMMENTARIES**

The mer ar imperative or nome nearth care for	10
Children: Beyond the Financial Case	
Garey Noritz	
Making Time to Coordinate Care for Children With	13
Medical Complexity	
Ryan J. Coller, Mary L. Ehlenbach	
Increased Risk of MenB Infection in College Students:	17
Time to Reconsider Vaccine Recommendations?	
Lucila Marquez, Sheldon L. Kaplan	
Waiting Room Videos for Increasing HPV Vaccination:	20
Promise and Pitfalls	
Amanda F. Dempsey	
Fetal Opioid Exposure and Smaller Birth Head	23
Circumference: Cause for Concern?	
Mark L. Hudak, Kartikeya Makker	
Fathers' Engagement in Their Sons' Sexual and	28
Reproductive Health	

## icon legend

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



42

43

44

= supplement



= data file/supplementary information available online



= podcast available online



= video available online





JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## COMMENTARIES (continued)

Answering a Question Older Than Most Pediatricians: What to Do About Duarte Variant Galactosemia	33
Shawn E. McCandless	
Uncounted Deaths: Estimating Postdischarge	36
Pediatric Mortality	
Marideth C. Rus, Andrea T. Cruz	
The Use of Oxygen in the Delivery Room	47
Roger F. Soll	
Outcome Dimensions in Pediatric Palliative Care	50
Allison Barz Leahy, Chris Feudtner	
Actively Listening: The Not-So-Secret Ingredient for Journal Innovation	60
Lewis R. First, Alex R. Kemper, Kate Larson, Joseph Puskarz	

## FROM THE AMERICAN ACADEMY OF PEDIATRICS

### **Policy Statement**

Incorporating Recognition and Management of Perinatal Depression Into Pediatric Practice

Marian F. Earls, Michael W. Yogman, Gerri Mattson, Jason Rafferty, Committee on Psychosocial Aspects of Child and Family Health

**Clinical Report** 

Health and Mental Health Needs of Children in 82 US Military Families

CDR Chadley R. Huebner, Section on Uniformed Services, Committee on Psychosocial Aspects of Child and Family Health

e-Policy Pages—www.pediatrics.org

#### **Technical Report**

Incorporating Recognition and Management of Perinatal Depression Into Pediatric Practice

Jason Rafferty, Gerri Mattson, Marian F. Earls, Michael W. Yogman, Committee on Psychosocial Aspects of Child and Family Health

#### **Clinical Report**

Psychosocial Factors in Children and Youth With Special Health Care Needs and Their Families

Gerri Mattson, Dennis Z. Kuo, Committee on Psychosocial Aspects of Child and Family Health, Council on Children with Disabilities

#### **Clinical Report**

Selecting Appropriate Toys for Young Children in the Digital Era

Aleeya Healey, Alan Mendelsohn, Council on Early Childhood

## icon legend

Most of the articles in *PEDIATRICS* have more content available online at www.pediatrics.org.



= supplement



= data file/supplementary information available online



= podcast available online



= video available online



73



JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## FROM THE AMERICAN ACADEMY OF PEDIATRICS (continued)

### **Clinical Practice Guideline Clinical Practice Guideline for the Management of Infantile Hemangiomas**

Daniel P. Krowchuk, Ilona J. Frieden, Anthony J. Mancini, David H. Darrow, Francine Blei, Arin K. Greene, Aparna Annam, Cynthia N. Baker, Peter C. Frommelt, Amy Hodak, Brian M. Pate, Janice L. Pelletier, Deborah Sandrock, Stuart T. Weinberg, Mary Anne Whelan, Subcommittee on the Management of Infantile Hemangiomas

**Statement of Endorsement Clinical Practice Guidelines for Quality Palliative Care** Statement of Endorsement Nusinersen Use in Spinal Muscular Atrophy

## PEDIATRICS PERSPECTIVES



Children in the Opioid Epidemic: Addressing the Next **Generation's Public Health Crisis** 

Kenneth A. Feder, Elizabeth J. Letourneau, Jody Brook

**Doctors Need to Speak Up More** 

John R. McLaren, Peter T. Masiakos

## MONTHLY FEATURES

Half As Sad: A Plea for Narrative Medicine in **Pediatric Residency Training** 

Caroline Diorio, Małgorzata Nowaczyk

## REVIEW ARTICLES—Online only at www.pediatrics.org





(a) Room Air for Initiating Term Newborn Resuscitation: A Systematic Review With Meta-analysis

> · Room air results in a reduction in short-term mortality when compared with Fig. 1.0 for initiating term and late preterm (≥35 weeks' gestation) neonatal resuscitation.

Michelle Welsford, Chika Nishiyama, Colleen Shortt, Tetsuya Isayama, Jennifer Anne Dawson, Gary Weiner, Charles Christoph Roehr, Myra H. Wyckoff, Yacov Rabi, on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force





🗎 🕼 Initial Oxygen Use for Preterm Newborn Resuscitation: A Systematic Review With Meta-analysis

> · This analysis demonstrates there is not consistent evidence on the ideal initial inspired oxygen for preterm neonatal resuscitation.

Michelle Welsford, Chika Nishiyama, Colleen Shortt, Gary Weiner, Charles Christoph Roehr, Tetsuya Isayama, Jennifer Dawson, Myra H. Wyckoff, Yacov Rabi, on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force

## icon legend

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



= supplement



= data file/supplementary information available online



= podcast available online



= video available online



1

6

45

46



JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

## REVIEW ARTICLES—Online only at www.pediatrics.org (continued)



#### Instruments to Measure Outcomes in Pediatric **Palliative Care: A Systematic Review**

• In this systematic review, we critically appraise instruments used to measure the outcomes of palliative care interventions.

Marie Friedel, Isabelle Aujoulat, Anne-Catherine Dubois, Jean-Marie Degryse



#### Efficacy and Safety of EMLA Cream for Pain Control Due to Venipuncture in Infants: A Meta-analysis

• In this systematic review, we summarize the available evidence about the efficacy and safety of EMLA cream for venipuncture procedure in infants <3 months of age.

Shaneela Shahid, Ivan D. Florez, Lawrence Mbuagbaw

## STATE-OF-THE-ART REVIEW ARTICLE—Online only at www.pediatrics.org

#### **Developmental Dysplasia of the Hip**

• The evaluation and treatment of hip dysplasia continues to evolve. In this article, we review recent advances in the management of hip dysplasia.

Scott Yang, Natalie Zusman, Elizabeth Lieberman, Rachel Y. Goldstein

## **ETHICS ROUNDS**

### When a Child Needs a Transplant but Lacks **Familial Social Support**

· A transplant team faces an ethical dilemma when a child needs a heart transplant but his father is ambivalent.

Hilary Mabel, Charlotte H. Harrison, Mahwish U. Ahmad, Elizabeth D. Blume, Gerard J. Boyle, Johan C. Bester, John D. Lantos

## QUALITY REPORTS—Online only at www.pediatrics.org



### Use of Social Psychology to Improve Adherence to **National Bronchiolitis Guidelines**

· Social psychology approaches, combined with traditional QI efforts, were effective in reducing albuterol and CR use in infants with bronchiolitis in primary care.

Eli Sprecher, Grace Chi, Al Ozonoff, Joanne Cox, Nolan Patel, Kathleen Conroy



## Use of a Clinical Care Algorithm to Improve Care for **Children With Hematogenous Osteomyelitis**

· A QI initiative was used to reduce the inpatient costs of care for pediatric AHO through standardization.

Eric D. Robinette, Laura Brower, Joshua K. Schaffzin, Patrick Whitlock, Samir S. Shah, Beverly Connelly, on behalf of the AHO Care Algorithm Team

## icon legend

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



49

52

53

62

63

= supplement



= data file/supplementary information available online



= podcast available online



= video available online





JANUARY 2019 · VOLUME 143 · NUMBER 1

## contents

#### A 17-Year-Old Boy With High-Functioning Autism, **Gastrointestinal Illness, and Seizures**

• A healthy 17-year-old boy with high-functioning autism presents to the ED after a 4-minute seizure-like episode in the setting of presumed viral gastroenteritis.

Sakina H. Sojar, Joshua S.V. Goldner, Kalpathy Krishnamoorthy, Sarah A. Murphy, Peter T. Masiakos, Jean E. Klig

## CASE REPORTS—Online only at www.pediatrics.org



### In-hospital Neonatal Falls: An Unintended Consequence of Efforts to Improve Breastfeeding

 In-hospital neonatal falls are a safety risk during postpartum hospitalization. We report an increase in neonatal falls associated with efforts to improve breastfeeding.

Colleen A. Hughes Driscoll, Nicola Pereira, Richard Lichenstein

#### **Mowat-Wilson Syndrome Presenting With Purpura Fulminans**

· We describe a case of purpura fulminans due to MWS with asplenia, and we propose screening and prophylaxis to prevent invasive pneumococcal infection.

Claudia G. Nevarez Flores, Alexander P. Sun, Howard Hast

### A 6-Year-Old Child With Citrin Deficiency and Advanced **Hepatocellular Carcinoma**

· Patients with FTTDCD should be managed carefully because the condition can lead to HCC.

Limin Wang, Lifeng Wang, Shishu Zhu, Min Zhang, Yi Dong, Fu-Sheng Wang

## e-Letters—Online only at www.pediatrics.org

Letters to the Editor Errata

## SUPPLEMENT 1—accompanies this issue online



## Early Experiences With Genome Sequencing in Newborns

John D. Lantos, Supplement Editor S1

## icon legend

Most of the articles in PEDIATRICS have more content available online at www.pediatrics.org.



64

= supplement



= data file/supplementary information available online



= podcast available online



= video available online



