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#### ARTICLES







#### 🚌 😭 👊 🌓 The Prevalence of Parent-Reported Autism Spectrum Disorder Among US Children

• From the 2016 NSCH, an estimated 1.5 million US children aged 3 to 17 years (2.50%) had ever received an ASD diagnosis and currently had the condition.

Michael D. Kogan, Catherine J. Vladutiu, Laura A. Schieve, Reem M. Ghandour, Stephen J. Blumberg, Benjamin Zablotsky, James M. Perrin, Paul Shattuck, Karen A. Kuhlthau, Robin L. Harwood, Michael C. Lu







#### The Public Health Impact of Parent-Reported **Childhood Food Allergies in the United States**

 A 2015–2016 population-based, cross-sectional survey was administered to a sample of US households to estimate current FA prevalence, severity, and health care use.

Ruchi S. Gupta, Christopher M. Warren, Bridget M. Smith, Jesse A. Blumenstock, Jialing Jiang, Matthew M. Davis, Kari C. Nadeau





#### Risk Stratification of Febrile Infants ≤60 Days **Old Without Routine Lumbar Puncture**

• In this multicenter study, we evaluate the performance characteristics of the Rochester and modified Philadelphia criteria for risk stratification of febrile infants with bacteremia and/or bacterial meningitis.

Paul L. Aronson, Marie E. Wang, Eugene D. Shapiro, Samir S. Shah, Adrienne G. DePorre, Russell J. McCulloh, Christopher M. Pruitt. Sanyukta Desai, Lise E. Nigrovic, Richard D. Marble, Rianna C. Leazer, Sahar N. Rooholamini, Laura F. Sartori, Fran Balamuth, Christopher Woll, Mark I. Neuman, for the Febrile Young Infant Research Collaborative

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.











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



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#### ARTICLES (continued)



#### Intellectual Disability in Children Conceived Using **Assisted Reproductive Technology**

30

· Children born after ART have a small increased risk of ID; risks are higher for ICSI-conceived births and those born very preterm.

Michele Hansen, Kathryn R. Greenop, Jenny Bourke, Gareth Baynam, Roger J. Hart, Helen Leonard



#### **Neurodevelopmental Outcomes in Infants With** Birth Weight ≤500 g at 3 Years of Age

33

· We investigate the neurodevelopmental outcomes in early childhood among surviving infants born with a BW of ≤500 g from 2003 to 2012.

Hirosuke Inoue, Masayuki Ochiai, Yasunari Sakai, Kazuaki Yasuoka, Koichi Tanaka, Masako Ichiyama, Hiroaki Kurata, Junko Fujiyoshi, Yuki Matsushita, Satoshi Honjo, Kazuaki Nonaka, Tomoaki Taguchi, Kiyoko Kato, Shouichi Ohga, on behalf of the Neonatal Research Network of Japan







#### 🚌 🗀 🐠 🕖 E-cigarette Use and Subsequent Smoking **Frequency Among Adolescents**

· Among cigarette initiators, e-cigarette users and nonusers had similar patterns of transition to more frequent cigarette use; however, cigarette or dual product users rarely transitioned to exclusive e-cigarette use or nonuse.

Jessica L. Barrington-Trimis, Grace Kong, Adam M. Leventhal, Feifei Liu, Margaret Mayer, Tess Boley Cruz, Suchitra Krishnan-Sarin, Rob McConnell







#### 🚌 臼 🕕 Tobacco Product Harm Perceptions and New Use

35

36

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· We examine tobacco product harm perceptions in youth at wave 1 of a national longitudinal study and evaluate new tobacco product use at wave 2

Maria A. Parker, Andrea C. Villanti, Amanda J. Quisenberry, Cassandra A. Stanton, Nathan J. Doogan, Ryan Redner, Diann E. Gaalema, Allison N. Kurti, Tyler Nighbor, Megan E. Roberts, Antonio Cepeda-Benito, Stephen T. Higgins



#### Delivery Room Management of Meconium-Stained **Newborns and Respiratory Support**

• In this multicenter cohort study, we compare previous and current NRP guidelines for delivery room management of nonvigorous newborns born through MSAF.

Arpitha Chiruvolu, Kimberly K. Miklis, Elena Chen, Barbara Petrey, Sujata Desai





#### 📤 🕼 Adherence of Newborn-Specific Antibiotic Stewardship **Programs to CDC Recommendations**

• In this cross-sectional study of neonatal antibiotic usage, we identify the baseline prevalence of ASPs in the newborn setting.

Timmy Ho, Madge E. Buus-Frank, Erika M. Edwards, Kate A. Morrow, Karla Ferrelli, Arjun Srinivasan, Daniel A. Pollock, Dmitry Dukhovny, John A.F. Zupancic, DeWayne M. Pursley, Roger F. Soll, Jeffrey D. Horbar

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### ARTICLES (continued)

#### REE Uninterrupted Infant Sleep, Development, and **Maternal Mood**

· A high percentage of infants do not sleep through the night, and this behavior is not associated with development or maternal mood in early infancy.

Marie-Hélène Pennestri, Christine Laganière, Andrée-Anne Bouvette-Turcot, Irina Pokhvisneva, Meir Steiner, Michael J. Meaney, Hélène Gaudreau, on behalf of the Mavan Research Team

#### **Access to the Medical Home Among Children With** and Without Special Health Care Needs

• In this study, we use the redesigned 2016 NSCH to present the latest estimates of access to the medical home.

Jesse C. Lichstein, Reem M. Ghandour, Marie Y. Mann



## in Young Children

• In this study, we used data from a large, diverse, multi-institutional national research network to examine the association of early-life antibiotic use on children's weight.

Jason P. Block, L. Charles Bailey, Matthew W. Gillman, Doug Lunsford, Matthew F. Daley, Ihuoma Eneli, Jonathan Finkelstein, William Heerman, Casie E. Horgan, Daniel S. Hsia, Melanie Jay, Goutham Rao, Juliane S. Reynolds, Sheryl L. Rifas-Shiman, Jessica L. Sturtevant, Sengwee Toh, Leonardo Trasande, Jessica Young, Christopher B. Forrest, on behalf of the PCORnet Antibiotics and Childhood Growth Study Group

#### **Screening for Iron Deficiency in Early Childhood Using Serum Ferritin in the Primary Care Setting**

• In children 1 to 3 years old screened in primary care, serum ferritin was lowest between 15 and 24 months, and hemoglobin did not change significantly.

Hannah Oatley, Cornelia M. Borkhoff, Shiyi Chen, Colin Macarthur, Navindra Persaud, Catherine S. Birken, Jonathon L. Maguire, Patricia C. Parkin, on behalf of the TARGet Kids! Collaboration

#### Being Overweight or Obese and the Development of Asthma

• In this study, we use the PEDSnet clinical data research network to measure the excess risk that overweight and obesity status contribute to new asthma cases in US children.

Jason E. Lang, H. Timothy Bunnell, Md Jobayer Hossain, Tim Wysocki, John J. Lima, Terri H. Finkel, Leonard Bacharier, Amanda Dempsey, Lisa Sarzynski, Matthew Test, Christopher B. Forrest

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#### ARTICLES (continued)



#### A Prediction Model to Determine Childhood **Epilepsy After 1 or More Paroxysmal Events**

58

• A prediction model was made to reliably determine the risk of childhood epilepsy with clinical and EEG data available at first consultation

Eric van Diessen, Herm J. Lamberink, Willem M. Otte, Nynke Doornebal, Oebele F. Brouwer, Floor E. Jansen, Kees P.J. Braun



#### Maternal Intellectual or Developmental Disability and Newborn Discharge to Protective Services

59

· With this population-based study, we estimate and compare rates of discharge to child protective services among newborns of women with and without IDDs.

Hilary K. Brown, Lynne A. Potvin, Yona Lunsky, Simone N. Vigod



#### **Neonatal Outcomes of Very Preterm or Very Low Birth Weight Triplets**

60

· The analysis of 6079 triplets and 18 232 matched singletons from an international cohort revealed that neonatal outcomes for triplets were similar to singletons.

Prakesh S. Shah, Satoshi Kusuda, Stellan Håkansson, Brian Reichman Kei Lui Liisa Lehtonen Neena Modi Maximo Vento, Mark Adams, Franca Rusconi, Mikael Norman, Brian A. Darlow, Abhay Lodha, Junmin Yang, Dirk Bassler, Kjell K. Helenius, Tetsuya Isayama, Shoo K. Lee, on behalf of the International Network for Evaluation of Outcomes (iNEO) in Neonates Investigators

#### Child BMI Over Time and Parent-Perceived Overweight

· Cause or consequence: in this 2-cohort population study, we tease out whether parental perception of child overweight precedes or follows higher BMI in children from age 2 to 15 years.

Melissa Wake, Jessica A. Kerr, Pauline W. Jansen



#### Marijuana and Tobacco Coexposure in Hospitalized Children

62

· We studied children who were hospitalized and had tobacco-smoking parents by testing their urine for metabolites of marijuana and found that 46% had exposure to marijuana smoke.

Karen M. Wilson, Michelle R. Torok, Binnian Wei, Lanqing Wang, Michelle Lowary, Benjamin C. Blount



#### **Online Family Problem-solving Treatment for** Pediatric Traumatic Brain Injury

63

· In this innovative individual participant data meta-analysis, we examine whether OFPST is more effective in improving behavioral problems after TBI as the time since injury increases.

Shari L. Wade, Eloise E. Kaizar, Megan Narad, Huaiyu Zang, Brad G. Kurowski, Keith Owen Yeates, H. Gerry Taylor, Nanhua Zhang

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#### ARTICLES (continued)



Sex Differences in Mortality and Morbidity of Infants Born at Less Than 30 Weeks' Gestation

> · Male infants born at 22 to 29 weeks between 2006 and 2016 experienced faster declines than female infants in mortality, RDS, and CLD.

Nansi S. Boghossian, Marco Geraci, Erika M. Edwards, Jeffrey D. Horbar

#### **COMMENTARIES**



The Value of State Differences in Autism When **Compared to a National Prevalence Estimate** 

Sarabeth Broder-Fingert, Christopher R. Sheldrick, Michael Silverstein

**Omission of Lumbar Puncture From Evaluation** of Source of Fever in Young Infants

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**Assisted Reproductive Technology and Developmental Outcomes** 

**Appropriate Management of the Nonvigorous** 37 **Meconium-Stained Neonate: An Unanswered Question** 

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Does Sleep Matter? Impact on Development and Functioning in Infants

Jodi A. Mindell, Melisa Moore

Social Complexity as a Special Health Care Need in the Medical Home Model

Molly Fuentes, Tumaini R. Coker

🚌 Is There a Causal Link Between Antibiotic Exposure **During Infancy and Risk for Obesity?** 

Antti Saari, Ulla Sankilampi

**Looking Behind the Iron Curtain** 

Alan R. Cohen



Quantifying the Contribution of Obesity to Incident Childhood Asthma: It's About Time

Deepa Rastogi

#### FROM THE AMERICAN ACADEMY OF PEDIATRICS

#### **Policy Statement**

The Role of Pediatricians in Global Health

Parminder S. Suchdev, Cynthia R. Howard, Section on International Child Health

#### **Policy Statement**

**Effective Discipline to Raise Healthy Children** 

Robert D. Sege, Benjamin S. Siegel, Council on Child Abuse and Neglect, Committee on Psychosocial Aspects of Child and Family Health

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The Effects of Armed Conflict on Children

Sherry Shenoda, Ayesha Kadir, Shelly Pitterman, Jeffrey Goldhagen, Section on International Child Health

e-Policy Pages—www.pediatrics.org

#### **Policy Statement**

Targeted Reforms in Health Care Financing to
Improve the Care of Adolescents and Young Adults

Arik V. Marcell, Cora C. Breuner, Lawrence Hammer, Mark L. Hudak, Committee on Adolescence, Committee on Child Health Financing

#### **Technical Report**

The Effects of Armed Conflict on Children

Ayesha Kadir, Sherry Shenoda, Jeffrey Goldhagen, Shelly Pitterman, Section on International Child Health

#### **Policy Statement**

Pediatric Considerations Before, During, and After Radiological or Nuclear Emergencies

Jerome A. Paulson, Council on Environmental Health

#### Technical Report

Rediological or Nuclear Emergencies

Martha S. Linet, Ziad Kazzi, Jerome A. Paulson, Council on Environmental Health

#### **Policy Statement**

Screening Examination of Premature Infants for Retinopathy of Prematurity

Walter M. Fierson, American Academy of Pediatrics Section on Ophthalmology, American Academy of Ophthalmology, American Association for Pediatric Ophthalmology and Strabismus, American Association of Certified Orthoptists

#### **Clinical Practice Guideline**



### Clinical Practice Guideline: Maintenance Intravenous

Leonard G. Feld, Daniel R. Neuspiel, Byron A. Foster, Michael G. Leu, Matthew D. Garber, Kelly Austin, Rajit K. Basu, Edward E. Conway Jr, James J. Fehr, Clare Hawkins, Ron L. Kaplan, Echo V. Rowe, Muhammad Waseem, Michael L. Moritz, Subcommittee on Fluid and Electrolyte Therapy

#### **Clinical Report**

RED Sport-Related Concussion in Children and Adolescents

Mark E. Halstead, Kevin D. Walter, Kody Moffatt, Council on Sports Medicine and Fitness

#### Clinical Report

management of Neonates Born at ≥35 0/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis

Karen M. Puopolo, William E. Benitz, Theoklis E. Zaoutis, Committee on Fetus and Newborn, Committee on Infectious Diseases

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#### **Clinical Report**

Management of Neonates Born at ≤34 6/7 Weeks'
Gestation With Suspected or Proven Early-Onset
Bacterial Sepsis

Karen M. Puopolo, William E. Benitz, Theoklis E. Zaoutis, Committee on Fetus and Newborn, Committee on Infectious Diseases

#### Statement of Endorsement

- Revised American Thyroid Association Guidelines for the Management of Medullary Thyroid Carcinoma Statement of Endorsement
- Management Guidelines for Children With Thyroid
  Nodules and Differentiated Thyroid Cancer

#### PEDIATRICS PERSPECTIVES

Separated and Sick: An Immigrant Child's Traumatic Experience of Illness and Recovery

Annie Morrison, Karla Fredricks, Neeraj Agrawal

**Getting Over Our Inpatient Oral Antibiotic Aversion** 

Matthew P. Kronman, Adam L. Hersh, Jason G. Newland, Jeffrey S. Gerber

Replacing the "Word Gap" With Nonstigmatizing Approaches to Early Literacy and Language Building

Mical Raz, Barbara R. Beatty

#### FAMILY PARTNERSHIPS

A Collaborative Approach to Improving Health Care for Children With Developmental Disabilities

Melissa Liddle, Kerri Birkett, Annette Bonjour, Kimberly Risma

### MONTHLY FEATURES

The World Was Not Built for Us: Improving Access to Care for Transgender Youth

Sarah M. Bernstein, Holly C. Lewis

Minister to Their Instruction: Revisiting the Minister-Vaccinator Rowland Hill

Joshua T.B. Williams, Abraham M. Nussbaum

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

#### **Ethical Issues in Gender-Affirming Care for Youth**

 In this review, we identify and assess the ethical issues associated with providing gender-affirming care to TGNC youth.

Laura L. Kimberly, Kelly McBride Folkers, Phoebe Friesen, Darren Sultan, Gwendolyn P. Quinn, Alison Bateman-House, Brendan Parent, Craig Konnoth, Aron Janssen, Lesha D. Shah, Rachel Bluebond-Langner, Caroline Salas-Humara

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#### SPECIAL ARTICLE—Online only at www.pediatrics.org

### MOCA-Peds: Development of a New Assessment of Medical Knowledge for Continuing Certification

 In this article, we describe the development during 2015–2016 of MOCA-Peds, an alternative assessment for continuing certification in General Pediatrics.

Laurel K. Leslie, Murrey G. Olmsted, Adam Turner, Carol Carraccio, Andrew Dwyer, Linda Althouse

#### ETHICS ROUNDS

#### Child Abuse, Incarceration, and Decisions About Life-sustaining Treatment

 Doctors wonder whether a mother who is jailed for child abuse should participate in decisions about withdrawing life support.

Paul C. Mann, Elliott Mark Weiss, Rebecca R. Seltzer, Rachel A.B. Dodge, Renee D. Boss, John D. Lantos

## When Parents Have Misunderstandings About the Risks and Benefits of Palliative Surgery

 An anesthesiologist experiences moral distress when he realizes that the parents do not understand the full implications of an operation for their child that they have already agreed to.

Berklee Robins, Adam Booser, John D. Lantos

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

#### Improving Emergency Department Care for Pediatric Victims of Sexual Abuse

 A quality improvement project was used to increase evidence-based care provided to the victims of sexual abuse in the PED.

Erin F. Hoehn, Kevin M. Overmann, Nafeh Fananapazir, Kirsten Simonton, Kathi L. Makoroff, Berkeley L. Bennett, Elena M. Duma, Eileen Murtagh Kurowski

#### Improving Timeliness of Medical Evaluations for Children Entering Foster Care

 We present an academic, community quality improvement collaborative that was focused on improving the TIE for children in Durham County.

Lindsay G. Terrell, Asheley C. Skinner, Aditee P. Narayan

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

#### Neonatal Abstinence Syndrome Due to Maternal Kratom Use

 We describe a common pediatric presentation, NAS, due to an underrecognized but increasingly used herbal opioid-like supplement, Kratom.

Whitney B. Eldridge, Cherie Foster, Lance Wyble

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#### CASE REPORTS—Online only at www.pediatrics.org (continued)

#### Diagnosis of Attenuated Mucopolysaccharidosis VI: Clinical, Biochemical, and Genetic Pitfalls

 Attenuated MPS VI is a disorder that is difficult to diagnose; however, treatment can be lifesaving.

Filippo Pinto e Vairo, Erin Conboy, Carolina Fischinger Moura de Souza, Amie Jones, Sarah S. Barnett, Eric W. Klee, Brendan C. Lanpher

#### Repeated Percutaneous Treatment of Massive Hepatic Cystic Echinococcosis in a Child

 We report the efficacy and good tolerability of RFT, PAIR, and prolonged albendazole therapy in the treatment of superficial and deep-liver CE in a child.

Mirjana Balen Topić, Tomislava Skuhala, Boško Desnica, Klaudija Višković, Martin Drinković

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

Errata

#### SUPPLEMENT 4—accompanies this issue



Synopsis Book: Best Articles Relevant to Pediatric Allergy, Asthma, and Immunology

Julie Wang, Supplement Editor S205

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