Prenatal Exposure to Acetaminophen and Risk of ADHD

• We identify a strong association between long-term acetaminophen use and offspring ADHD that is not explained by indications of use or familial ADHD.


Socioeconomic Background and Commercial Health Plan Spending

• Including socioeconomic information in risk-adjustment algorithms may direct funds away from providers caring for lower socioeconomic populations.


Immunization, Antibiotic Use, and Pneumococcal Colonization Over a 15-Year Period

• Immunization status and recent antibiotic use may influence individual risk for serotype-specific pneumococcal colonization.

Grace M. Lee, Ken Kleinman, Stephen Pelton, Marc Lipsitch, Susan S. Huang, Matt Lakoma, Maya Dutta-Linn, Melissa Rett, William P. Hanage, Jonathan A. Finkelstein
Identification of Extremely Premature Infants at Low Risk for Early-Onset Sepsis

Delivery characteristics of infants born at 22 to 28 weeks’ gestation can be used to identify those with significantly lower risk of EOS.

Karen M. Puopolo, Sagoni Mukhopadhyay, Nellie J. Hansen, C. Michael Cotten, Barbara J. Stoll, Pablo J. Sanchez, Edward F. Bell, Abhik Das, Angelita M. Hensman, Krissa P. Van Meurs, Myra H. Wyckoff, on behalf of the NICHD Neonatal Research Network

Adverse Childhood Experiences Among Hispanic Children in Immigrant Families Versus US-Native Families

Despite greater exposure to poverty (a known ACE risk factor), Hispanic children in immigrant families have lower prevalence of ACEs than US-native children.

Tania Maria Caballero, Sara B. Johnson, Cara R. Muñoz Buchanan, Lisa Ross DeCamp

Beliefs Regarding Development and Early Intervention Among Low-Income African American and Hispanic Mothers

Through semistructured interviews, the authors of this study seek to understand the role of maternal health beliefs in shaping decisions regarding help-seeking for children with DD.

Dawn M. Magnusson, Cynthia S. Minkovitz, Karen A. Kuhlthau, Tania M. Caballero, Kamila B. Mistry

Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity

T1D and CD autoimmunities both appear in early childhood. This large birth cohort follows their onset, relative timing, and factors contributing to overlap.

William Hagopian, Hye-Seung Lee, Edwin Liu, Marian Rewers, Jin-Xiong She, Annette-G. Ziegler, Åke Lernmark, Jorma Toppa, Stephen S. Rich, Jeffrey P. Krischer, Henry Erlich, Beena Akolkar, Daniel Agardh, the TEDDY Study Group

Intelligence and Academic Achievement With Asymptomatic Congenital Cytomegalovirus Infection

Intelligence, language, and academic achievement in children with asymptomatic congenital CMV infection identified through hospital-based newborn screening managed through 18 years of age.

Adriana S. Lopez, Tatiana M. Lanzieri, Angelika H. Claussen, Sherry S. Vinson, Marie R. Turcich, Isabella R. Iovino, Robert G. Voigt, A. Chantal Caviness, Jerry A. Miller, W. Daniel Williamson, Craig M. Hales, Stephanie R. Bialek, Gail Demmler-Harrison, on behalf of the Congenital Cytomegalovirus Longitudinal Study Group
## ARTICLES (continued)

### Preventive Care Use Among Justice-Involved and Non–Justice-Involved Youth

- Eight years of administrative health and criminal records of publicly insured adolescents provide an unprecedented look at preventive care use by juvenile justice system involvement.

Matthew C. Aalsma, Valerie R. Anderson, Katherine Schwartz, Fangqian Ouyang, Wanzhu Tu, Marc B. Rosenman, Sarah E. Wiehe

### Emergency Department and Hospital Use Among Adolescents With Justice System Involvement

- In this study, we used nationally representative data to examine rates of acute health care use among adolescents with justice system involvement compared to the general adolescent population.

Tyler N. A. Winkelman, Inginia Genao, Christopher Wildeman, Emily A. Wang

### Congenital Heart Surgery on In-Hospital Mortality in Trisomy 13 and 18

- In this large, multicentered, database-derived study, CHS is associated with a significant decrease in in-hospital mortality in infants with T13 and T18.

Katherine A. Kosiv, Jeffrey M. Gossett, Shasha Bai, R. Thomas Collins II

### Cost-Effectiveness of a Clinical Childhood Obesity Intervention

- By using a microsimulation model, we examined the cost-effectiveness and population impact of implementing an electronic decision-support intervention for childhood obesity in primary care.


### The Effect of Reduction Mammaplasty on Quality of Life in Adolescents With Macromastia

- By using validated surveys, this study prospectively evaluates the long-term physical and psychosocial effects of breast reduction in an adolescent population.

Laura C. Nuzzi, Joseph M. Firriolo, Carolyn M. Pike, Felecia E. Cerrato, Michelle L. Webb, Heather R. Faulkner, Amy D. DiVasta, Brian I. Labow

### International Variation in Asthma and Bronchiolitis Guidelines

- Clinical practice guidelines are used to influence a provider’s care of a patient. This article explores the differences in international guidelines for asthma and bronchiolitis.

Leigh Anne Bakel, Jemila Hamid, Joycelyn Ewusie, Kai Liu, Joseph Mussa, Sharon Straus, Patricia Parkin, Eyal Cohen

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<td>▪ This trial aimed to improve pain management for children with an MSK-I by studying the efficacy and safety of oral opioid and nonopioid medications. Sylvie Le May, Samina Ali, Amy C. Plint, Benoit Mâsse, Gina Neto, Marie-Christine Auclair, Amy L. Drendel, Ariane Ballard, Christelle Khadra, Edith Villeneuve, Stefan Parent, Patrick J. McGrath, Grégoire Leclair, Serge Gouin, on behalf of Pediatric Emergency Research Canada (PERC)</td>
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<td>Social Intuition and Social Information in Physical Child Abuse Evaluation and Diagnosis</td>
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<tr>
<td>▪ In this prospective study, we explore the role of social intuition and social information in the evaluation and diagnosis of physical child abuse. Heather T. Keenan, Lawrence J. Cook, Lenora M. Olson, Tyler Bardsley, Kristine A. Campbell</td>
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<td>False-Positive Newborn Screening for Cystic Fibrosis and Health Care Use</td>
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<td>▪ One year after birth, infants with FP newborn screening results experience more hospital admissions than controls. Their mothers do not experience increased health care use. Robin Z. Hayeems, Fiona A. Miller, Marian Vermeulen, Beth K. Potter, Pranesh Dhakraborty, Christine Davies, June C. Carroll, Felix Ratjen, Astrid Guttmann</td>
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<td>FREE Drinking Water to Prevent Postvaccination Presyncope in Adolescents: A Randomized Trial</td>
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<td>▪ This trial evaluates whether giving water to drink before vaccination decreases the risk of postvaccination presyncope and describes factors associated with postvaccination presyncope. Alex R. Kemper, Elizabeth D. Barnett, Emmanuel R. Walter, Christoph Hornik, Natalie Pierre-Joseph, Karen R. Broder, Michael Silverstein, Theresa Harrington</td>
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Neurodevelopment at Age 10 Years of Children Born <28 Weeks With Fetal Growth Restriction

Among children born extremely preterm, those with severe FGR appear to be at increased risk of multiple cognitive and behavioral deficits at age 10 years.

Steven J. Korzeniewski, Elizabeth N. Allred, Robert M. Joseph, Tim Heeren, Karl C.K. Kuban, T. Michael O’Shea, Alan Leviton, for the ELGAN Study Investigators

One-Year Language Outcomes in Toddlers With Language Delays: An RCT Follow-up

This follow-up of a randomized trial of toddlers with language delays demonstrates a need to intervene early in children with receptive and expressive language delays.

Lauren H. Hampton, Ann P. Kaiser, Megan Y. Roberts

Growth and Final Height Among Children With Phenylketonuria

This article describes growth data of a large cohort of patients with PKU, including height development, growth rate, and comparisons of individual expected height with measured final height.

Alena G. Thiele, Ruth Gausche, Cornelia Lindenberg, Christoph Beger, Maria Arelin, Carmen Rohde, Ulrike Mütze, Johannes F. Weigel, Klaus Mohnike, Christoph Baerwald, Markus Scholz, Wieland Kiess, Roland Pfäffle, Skadi Beblo

An Association Between Prenatal Acetaminophen Use and ADHD: The Benefits of Large Data Sets

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Mobeen H. Rathore, Mary Anne Jackson, Committee on Infectious Diseases

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- A multicenter safe sleep (I) campaign in 8 US maternity units to teach and role model safe sleep practices during the newborn hospital stay.
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- A 3-month-old boy presented with failure to thrive and vomiting and was diagnosed with a well-known condition that is rare in young infants.
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