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Articles

Underinsurance Among Children in the United States

We analyze the NSCH 2016–2019 data sets to describe recent trends in underinsurance and its relationship with health complexity and insurance type.
Justin Yu, James M. Perrin, Thomas Hagerman, Amy J. Houtrow

Spatial Clustering of Vaccine Exemptions on the Risk of a Measles Outbreak

Measles outbreak potential before and after the elimination of non-medical vaccination exemptions is evaluated by a spatially realistic simulation of all children in California.
Ashley Gromis, Ka-Yuet Liu

Risk Factors for Severe COVID-19 in Children

This investigation presents population-based rates and identifies underlying medical conditions associated with an increased risk of severe disease outcomes among hospitalized children with laboratory-confirmed SARS-CoV-2 infection.
Rebecca C. Woodruff, Angela P. Campbell, Christopher A. Taylor, Shua J. Chai, Breanna Kawasaki, James Meek, Evan J. Anderson, Andy Weigel, Maya L. Monroe, Libby Reeg, Erica Bye, Daniel M. Sosin, Alison Muse, Nancy M. Bennett, Laurie M. Billing, Melissa Sutton, H. Keipp Talbot, Keegan McCaffrey, Huong Pham, Kadam Patel, Michael Whitaker, Meredith McMorrow, Fiona Havers, COVID-NET Surveillance Team

Birth Hospital Length of Stay and Rehospitalization During COVID-19

Using multisite electronic health record data, this study reports differences in infant birth hospitalization LOS and rehospitalization between the COVID-19 and prepandemic eras.
Sara C. Handley, Kieran Gallagher, Amy Breden, Eric Lindgren, Justin Y. Lo, Moeun Son, Daria Murosko, Kevin Dysart, Scott A. Lorch, Jay Greenspan, Jennifer F. Culhane, Heather H. Burns

Frequency and Consequences of Routine Temperature Measurement at Well-Child Visits

In this retrospective cohort study, we use EMR data to determine the scope and impact of routine temperature measurement at well-child visits.
Rebecca Dang, Anisha I. Patel, Julia Marlow, Yingjie Weng, Marie E. Wang, Alan R. Schroeder

A Coaching Model to Promote Economic Mobility and Child Developmental Outcomes

A state-run program coaching parents of preschoolers to strengthen executive function to promote economic mobility may have improved child developmental outcomes.

Charles J. Homer, Ashley Winning, Kevin Cummings

Shared Reading and Risk of Social-Emotional Problems

In this study we identify a possible link between caregiver-reported social-emotional concerns among young children and the frequency of shared reading.

Keith J. Martin, Andrew F. Beck, Yingying Xu, Gregory A. Szumlas, John S. Hutton, Clare C. Crosh, Kristen A. Copeland

Gestational Age, Parent Education, and Education in Adulthood

Using the nationwide Nordic registers in 4 countries this study uncovers the interplay between gestational age and parental education on educational attainment at 25 years.

Josephine Funck Bilsteen, Suvi Alenius, Magne Bråthen, Klaus Barach, Claus Thorn Ekstrøm, Eero Kajantie, Mariam Lashkariani, Markku Nurhonen, Kari Risnes, Sven Sandin, Kjetil A. van der Wel, Dieter Wolke, Anne-Marie Nybo Andersen

A Prediction Model for Pediatric Radiographic Pneumonia

In this prospective cohort study, we derive a prediction model for pediatric radiographic pneumonia.

Sriram Ramgopal, Lilliam Ambroggio, Douglas Lorenz, Samir S. Shah, Richard M. Ruddy, Todd A. Florin

Pediatric Medication Noninitiation in Spain

Through linkage of prescription and dispensing databases, this study captures prevalence and explanatory factors of medication noninitiation in the pediatric population.

Cristina Carbonell-Duacastella, Maria Rubio-Valera, Silvia Marqués-Ercilla, Maria Teresa Peñarrubia-Maria, Montserrat Gil-Gürbau, Victoria García-Cardenas, Maria Isabel Pasarin, Elizabeth Parody-Rúa, Ignacio Aznar-Lou

Enteropathogen Changes After Rotavirus Vaccine Scale-up

Sapovirus emerges as and norovirus remains a significant severe pediatric diarrhea contributor in this large, hospital-based, case-control study in a pathogen-diverse, LMIC setting after successful rotavirus vaccination.


Bloodstream Infections in Children With Sickle Cell Disease: 2010–2019

In this study, through review of a comprehensive health care use database, we determine the incidence of BSI and causative microorganisms in children with SCD.


Traumatic Head Injury and the Diagnosis of Abuse: A Cluster Analysis

Cluster analyses reveal subpopulations among young children with neurotrauma. Injuries associated with abuse, abuse confessions, historical inconsistencies, and physician-diagnosed abuse predominate in 1 cluster.

Stephen C. Boos, Ming Wang, Wouter A. Karst, Kent P. Hymel, Pediatric Brain Injury Research Network (PediBIRN) Investigators

Trends in Health Care Use and Spending for Young Children With Neurologic Impairment

For children with NI enrolled in Medicaid, our study examined health care use and spending trends during their first 5 years of life.

Nathaniel D. Bayer, Matthew Hall, Yue Li, James A. Feinstein, Joanna Thomson, Jay G. Berry
ARTICLES (continued)

An Alarm Watch for Daytime Urinary Incontinence: A Randomized Controlled Trial

- Alarm watches to prompt timed-voiding reduced wetting episodes and abnormal postvoid urine volume in children but did not lead to resolution of the incontinence.
  Patrina H.Y. Caldwell, Marianne Kerr, Sana Hamilton, Armando Teixeira-Pinto, Jonathan C. Craig

Acceptable Risks in Pediatric Research: Views of the US Public

- Commentators have debated the ethics of “net-risk” pediatric research for decades. However, this is the first study to assess the views of the US public.
  Will Schupmann, Xiaobai Li, David Wendler

COMMENTARIES

Vaccine Exemptions and the Risk of Continued Disease Outbreaks
  Yvonne A. Maldonado, Sean O’Leary, Peter Hotez

Temperature Measurement in Well Children Promotes Bias
  Katie Lockwood, Bonnie Offit

Economic Coaching: Addressing Poverty as a Means of Improving Early Child Development
  Suzy Tomopoulos, Carol Duh-Leong, Arthur H. Fierman

Computer Algorithms Support Physician Decisions in Traumatic Head Injury
  Caroline L.S. George, Nancy S. Harper

Lived Experience, Partnership, Acceptable Risk, and Social Value in Pediatric Research
  Cara L. Coleman

Advancing Pediatrics During Turbulent Times
  Lewis R. First, Alex R. Kemper

FROM THE AMERICAN ACADEMY OF PEDIATRICS

Policy Statement
COVID-19 Vaccines in Children and Adolescents
  Committee on Infectious Diseases

Clinical Report
Adolescents and Young Adults: The Pediatrician’s Role in HIV Testing and Pre- and Postexposure HIV Prophylaxis
  Katherine Kai-chi Hsu, Natella Yurievna Rakhmanina, Committee on Pediatric AIDS

PEDIATRICS PERSPECTIVES

State Mask Mandate Bans for Schools: Law, Science, and Public Health
  Y. Tony Yang, Sarah Schaffer DeRoo, Stephanie R. Morain

Proposals to Accelerate Novel Vaccine Development for Children
  Sallie Permar, C. Buddy Creech, Kathryn M. Edwards, Emmanuel B. Walter

Considering Toxic Chemicals in the Etiology of Autism
  Heather E. Volk, Jennifer L. Ames, Amin Chen, M. Daniele Fallin, Irva Hertz-Picciotto, Alycia Halladay, Deborah Hirtz, Arthur Lavin, Beate Ritz, Tom Zoeller, Maureen Swanson

FAMILY PARTNERSHIPS

A Codeveloped Family-Faculty Curriculum to Improve Trainee Communication
  Divya Lakhaney, Sumeet L. Banker, Annie O’Connor, Julia Barugel, Stephanie B. Gati, Hadley M. Bloomhardt, Cecilia Mo
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**ADVOCACY CASE STUDIES**

Empowering High School Students to Address Racial Disparities During the COVID-19 Pandemic

- The authors developed a high school curriculum to teach COVID-19 through a health equity lens and to develop the students as public health change agents.

Nathaniel Jones, Joanna Cohen, Jennifer I. Chapman

**RESEARCH BRIEFS**

School Safety, Masking, and the Delta Variant

- Angelique E. Bourtouskas, Kanecia O. Zimmerman, Daniel K. Benjamin, Jr, for The ABC Science Collaborative

STORCH Infections Among Very Low Birth Weight and Preterm Infants: 2018–2020

- Erika M. Edwards, Lucy T. Greenberg, Danielle E.Y. Ehret, Roger F. Soll, Tatiana M. Lanzieri, Jeffrey D. Horbar

**STATE-OF-THE-ART REVIEW ARTICLE**

Environmental Exposures and Congenital Heart Disease

- A review of current knowledge surrounding environmental exposures and CHD using the framework of the exposome with exploration of potential mechanistic pathways.

Rebekah Boyd, Hannah McMullen, Halil Beqaj, David Kalfa

**SPECIAL ARTICLES**

An Initiative to Increase Residency Program Diversity

- Physician workforce diversity is associated with improved patient outcomes; using a systematic approach, we significantly increased and sustained residency program diversity at a large children’s hospital.

Monica L. Hoff, Nancy N. Liao, Claudia A. Mosquera, Alex Saucedo, Rebecca G. Wallihan, Jennifer R. Walton, Rebecca Scherzer, Elizabeth M. Bonachea, Lorina W. Wise, Olivia W. Thomas, John D. Mahan, John A. Barnard, O.N. Ray Bignall, II

The 2021 Joseph St Geme, Jr, Leadership Award Address: The Role of Structural Racism in Injuries to Children and Adolescents

Frederick P. Rivara

**ETHICS ROUNDS**

Pediatric Discharge From the Emergency Department Against Medical Advice

- Meaghan S. Weaver, Haavi Morreim, Lydia H. Pecker, Rachel O. Alade, David J. Alfandre

**QUALITY REPORTS**

Addressing Transportation Insecurity Improves Attendance at Posthospitalization Appointments

- An interdisciplinary QI project to identify and mitigate transportation insecurity on an IPU led to improved attendance at PHAs.

QUALITY REPORTS (continued)

Practice Facilitation Improves Adolescent Reproductive Health Preventive Services in Primary Care
- Using practice facilitation in pediatric practices working with a large accountable care organization built QI capacity and improved delivery of adolescent reproductive health services.
Elise Berlan, Olivia Valenti, William Long, Christina Toth, Angela Abenaim, Heather Maciejewski, Charitha Gowda

An Initiative to Reduce Insulin-Related Adverse Drug Events in a Children's Hospital
- Through standardization and automation, insulin error rates were reduced and insulin timeliness was improved in a pediatric hospital; the insulin error rate reduction was sustainable.
Sarah A. Lawson, Lindsey N. Hornung, Michelle Lawrence, Christine L. Schuler, Joshua D. Courter, Christy Miller

Resolving Pediatric Preventive Care Gaps Through Hospital Inreach
- In this study, we demonstrate the ability to address preventive care gaps on admitted children using QI methodologies.

DIAGNOSTIC DILEMMAS

From Telemedicine to the ICU—Fever and Rash in a 9-Year-Old Girl
- This case follows the progression of a persistent febrile illness in a 9-year-old girl from initial virtual visit through diagnosis in the ICU.
Salvador Maffei, Marietta De Guzman, Ryan Rochat, Jennifer Tran, Sarah Risen, Andrea Dean, Nana Coleman

CASE REPORTS—Online only at www.pediatrics.org

Is Acute Solid Food Aversion a Proxy for COVID-19–Related Olfactory and Gustatory Dysfunction?
- We present 2 cases of children <2 years old with acute solid food aversion likely as a manifestation of COVID-19–related OGD.
Farn-Hsuan Tseng, Sylvia H. Yeh, Kevin Basiago, Wendy Miyares, Kenneth M. Zangwill

Recognition and Management of Nonaccidental Esophageal Perforation
- In this case report, we describe the presentation and management of a 5-week-old girl with an inflicted esophageal perforation.
Ryan Bishop, Rishabh Sethia, Charles Elmaraghy, Meredith Lind, Jennifer Tscholl, Prashant Malhotra

A Novel Surgical Treatment of Pediatric Fulminant Clostridium difficile Colitis
- We report the first pediatric case of the use of diverting loop ileostomy and colonic lavage to treat fulminant Clostridium difficile colitis.
Ryan M. Hanson, Amy J. Wagner

Challenges and Potential in Targeted Muscle Reinnervation in Pediatric Amputees
- TMR prevents amputation-related pain and allows for myoprosthesis use in adults; applying this exciting procedure in pediatric patients with amputation carries special challenges.
Brian Vial, Margaret Lieb, Haley Pysick, Patrick Hettinger, Lynn Rusy, Gwendolyn Hoben

Omenn Syndrome due to RAG1 Mutation Presenting With Nonimmune Hydrops Fetalis in Two Siblings
- Two siblings with NIHF and homozygous RAG1 mutation are reported, and clinical and diagnostic workup of OS and NIHF is discussed.
Lara Valeri, Licia Lugli, Lorenzo Iughetti, Annarosa Soresina, Silvia Giliani, Fulvio Porta, Alberto Berardi
LETTERS TO THE EDITOR—Online only at www.pediatrics.org

ERRATA—Online only at www.pediatrics.org

SUPPLEMENT 1—accompanies this issue online

PODIUM: Contemporary Organ Dysfunction Criteria in Critically Ill Children
Melania M. Bembea, Jerry J. Zimmerman, Co-Editors S1