ARTICLES

Discrimination and Subsequent Mental Health, Substance Use, and Well-being in Young Adults

- In this study, we find short-term, long-term, and cumulative associations between discrimination and mental health, substance use, and well-being for young adults in a longitudinal nationally representative sample.

Yvonne Lei, Vivek Shah, Christopher Biely, Nicholas Jackson, Rebecca Dudovitz, Elizabeth Bamert, Emily Hatez, Alma Guerrero, Anthony L. Bui, Narayan Sastry, Adam Schickedanz

Mumps in Vaccinated Children and Adolescents: 2007–2019

- We describe characteristics of pediatric mumps cases reported by US health departments during 2007–2019, the majority of which occurred in vaccinated children and adolescents.

Leah Shepersky, Mona Marin, John Zhang, Huang Pham, Mariel A. Marlow

Rotavirus Vaccine Safety and Effectiveness in Infants With High-Risk Medical Conditions

- Rotavirus VE, safety and tolerability in medical risk infants, most prone to severe disease, seems poorer than previously assumed.


The Childhood Vaccination Schedule and the Lack of Association With Type 1 Diabetes

- This national, retrospective cohort study of children demonstrated that the current recommended childhood immunization schedule does not increase the risk of T1DM.


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<td>COVID-19–Associated Orphanhood and Caregiver Death in the United States</td>
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<td>• We found marked variation by race and ethnicity, overall and within the United States, in risks of COVID-19–associated orphanhood and death of grandparent caregivers among children.</td>
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<td>IVIG Compared With IVIG Plus Infliximab in Multisystem Inflammatory Syndrome in Children</td>
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<td>• In this retrospective cohort study of 72 patients with MIS-C, we compare outcomes after treatment with IVIG alone versus IVIG plus infliximab.</td>
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<td>Assessing Medical Decision-Making Competence in Transgender Youth</td>
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<td>• In this study, we measured, in a structured, replicable way, transgender adolescents’ MDC to give IC for starting puberty-suppressing treatment.</td>
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<td>Lieve J.J.J. Vrouenraets, Annelou L.C. de Vries, Martine C. de Vries, Anna I.R. van der Miesen, Irma M. Hein</td>
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<td>Antibiotic Use in Term and Near-Term Newborns</td>
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<td>• This nationwide population-based study including all infants from 34 weeks’ gestation in Norway suggests that antibiotic use can safely be reduced without increasing adverse outcomes.</td>
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<td>Håkon Stangeland Mundal, Arild Rønnestad, Claus Klingenberg, Hans Jørgen Stensvold, Kjetil Sterdal, NORWEGIAN NEONATAL NETWORK</td>
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<td>Outcomes of Cystic Fibrosis Screening–Positive Infants With Inconclusive Diagnosis at School Age</td>
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<td>• CFSPID children show good health outcome at school age; however, 20% received a CF diagnosis during follow-up, and those had an initial sweat test ≥40 mmol/L.</td>
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<td>Surgical Interventions During End-of-Life Hospitalizations in Children’s Hospitals</td>
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<td>• Among 33,683 terminal hospitalizations that occurred in 49 children’s hospitals between 2013 and 2019, 49.7% of the nontrauma patients underwent surgery.</td>
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<td>Michael D. Traynor Jr, Ryan M. Antiel, Maraya N. Camazine, Thane A. Blinman, Michael L. Nance, Pirroo Eghtesady, Sandi K. Lam, Matt Hall, Chris Feudtner</td>
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<td>National Trends of Adolescent Exposure to Tobacco Advertisements: 2012–2020</td>
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<td>• We conducted a serial cross-sectional analysis of cigarette and e-cigarette advertisement exposure by venues and sociodemographic correlates among US adolescents from the 2012–2020 NYTS data set.</td>
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<td>Xiao Li, Nina Kaiser, Jacob T. Borodovsky, Raven Riordon, Erin Kasson, Chao Cao, Patricia A. Cavazos-Rehg</td>
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<td>Child Care Center Hand Hygiene Programs’ Cost-Effectiveness in Preventing Respiratory Infections</td>
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<td>• This study shows the cost-effectiveness of hand hygiene programs (hand sanitizer versus hand-washing versus control) in decreasing RIs in children at DCCs.</td>
<td></td>
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ARTICLES (continued)

Adverse Childhood Experiences and Foster Care Placement Stability

- Increased ACE exposure significantly predicts placement instability, which ultimately influences a child’s future well-being and likelihood of experiencing reunification.
  Kiley W. Liming, Becci Akin, Jody Brook

IQ in Autism Spectrum Disorder: A Population-Based Birth Cohort Study

- In this study, we describe intellectual ability in ASD using extensive review of medical and educational records in a longitudinal, population-based birth cohort.
  Maja Z. Katusic, Scott M. Myers, Amy L. Weaver, Robert G. Voigt

Central Venous Catheter Salvage in Ambulatory Central Line–Associated Bloodstream Infections

- In a multicenter study of patients with pediatric ambulatory CLABSIs, clinical teams frequently attempted CVC salvage therapy, and salvage therapy was frequently successful.
  William J.H. Ford, David G. Bundy, Suzette Oyeku, Moonseong Hoo, Lisa Saiman, Rebecca E. Rosenberg, Patricia DelAmore, Barbara Rabin, Philip Zachariah, Parsa Minhaji, Elizabeth Klein, Oghale Obaro-Best, Michael Drasher, Alexandre Peshansky, Michael L. Rinke

Single-Examination Risk Prediction of Severe Retinopathy of Prematurity


Gestational Age and Neonatal Electrocardiograms

- In this study, we investigate the effect of GA on ECGs from 16,482 unselected neonates and establish GA-stratified reference values.
  Joachim Hartmann, Maria Munk Pærregaard, Jakob Norsk, Adrian Pietersen, Kasper Karmark Iversen, Henning Bundgaard, and Alex Harry Christensen

An Internet Quiz Game Intervention for Adolescent Alcohol Drinking: A Clustered RCT

- Previous interventions on adolescents’ drinking have yielded mixed results. In this study, we used a novel intervention design to tackle this issue.
  Frederick K. Ho, Keith T.S. Tung, Rosa S. Wong, Ko Ling Chan, Wilfred H.S. Wong, Daniel S.Y. Ho, Tai Hing Lam, Sheena Mirpuri, Benjamin Van Voorhees, King Wu, Chun Bong Chow, Gilbert Chua, Winnie Tao, Fan Jiang, Michael Rich, Patrick Ip

Intranasal Surfactant for Acute Otitis Media: A Randomized Trial

- A phase 2a, double-blind, randomized, placebo-controlled trial to assess safety, tolerability, and efficacy of intranasal OP0201 as adjunct therapy for treating AOM in young children.
  Gysella B. Muniz, Timothy R. Shope, Sonika Bhatnagar, Nader Shaikh, Mary Ann Haralam, Hui Liu, Judith M. Martin, Janice M. Pagoda, Alejandro Hoberman

Parent Verbalizations and Toddler Responses With Touchscreen Tablet Nursery Rhyme Apps

- We examine toddlers’ responses to different parent verbalizations when using tablets, as well as how toddler emotion regulation characteristics and parent home media practices moderate such associations.
  Tiffany G. Munzer, Alison L. Miller, Samantha Yeo, Yujie Wang, Harlan McCaffery, Niko Kaciroti, Jenny Radesky

Parenthood, Parental Benefits, and Career Goals Among Pediatric Residents: 2008 and 2019

- In a national survey of graduating residents, we investigate the availability of parental benefits and impact of parenthood on career goals in 2008 and 2019.
  Weston T. Powell, Kelly M.W. Dundon, Mary Pat Frinther, Katelin Kornfeind, Hilary M. Haftei
COMMENTARIES

Discrimination and the Role of the Clinician
Jennifer R. Walton, Adiaha Spinks-Franklin

From King Nebuchadnezzar of Babylon to Mumps Genotyping and Vaccination 26 Centuries Later
Charles Grose

Improving Our Understanding of Medical Decision-Making Competence in Puberty Suppression
Neal D. Hoffman, Elizabeth M. Alderman

Maximizing Benefits and Minimizing Harms: Diagnostic Uncertainty Arising From Newborn Screening
Pranesh Chakraborty, Beth K Patter, Robin Z Hayeems

Surgical Interventions With an Interdisciplinary Approach at End of Life
Lisa Humphrey, Lindsay Ragsdale

Predicting ROP Severity by Artificial Intelligence: Pragmatic Versus Knowledge-Based Approach
Alistair R. Fielder, Graham E. Quinn

FROM THE AMERICAN ACADEMY OF PEDIATRICS

AAP Policy Statements
Preventing Home Medication Administration Errors
H. Shonna Yin, Daniel R. Neuspiel, Ian M. Paul, Council on Quality Improvement and Patient Safety, Committee on Drugs

e-Policy Pages—www.pediatrics.org

Tuberculosis Infection in Children and Adolescents: Testing and Treatment
Dawn Nolt, Jeffrey R. Starke, Committee on Infectious Diseases

Promoting the Participation of Children and Adolescents With Disabilities in Sports, Recreation, and Physical Activity

AAP Publications Reaffirmed or Retired

PEDIATRICS PERSPECTIVES

Safety Planning for Suicidality in Autism: Obstacles, Potential Solutions, and Future Directions
Jessica M. Schwartzman, Joshua R. Smith, Alexandra H. Bettis

FAMILY PARTNERSHIPS

A Family and Hospital’s Journey and Commitment to Improving Diagnostic Safety
David Wyner, Farren Wyner, David Brumbaugh, Joseph A. Grubenhoff

ADVOCACY CASE STUDIES

Perinatal Mental Health Task Force: Integrating Care Across a Pediatric Hospital Setting

• This case study can serve as a model for advocates looking to integrate PMAD screening across a pediatric hospital setting.

Lenore Jarvis, Melissa Long, Penelope Theodorou, Sarah Barclay Hoffman, Lamia Soghier, Lee Beers
RESEARCH BRIEFS

Parent-Collected Oropharyngeal Swabs in Cystic Fibrosis

- The validity of oropharyngeal swabs obtained by parents is described, and a case for parent-collection to be used as part of remote care is presented.

Michael Doumit, Aiden Cox, Jane Butler, Nia Luxton, Adam Jaffe, Sandra Chuang

Youth Resilience Education and 13-Year Motor Vehicle Crash Risk

Teresa Senserrick, Holger Møller, Kris Rogers, Patricia Cullen, Rebecca Ivers

REVIEW ARTICLE

Nonmedical Opioid Use After Short-term Therapeutic Exposure in Children: A Systematic Review

- In this review, we explore the association between short-term therapeutic exposure to opioids in childhood and nonmedical opioid use as well as associated risk factors.

Malema Ahrari, Samina Ali, Lisa Hartling, Kathryn Dong, Amy L. Drendel, Terry P. Klassen, Kurt Schreiner, Michele P. Dyson

STATE-OF-THE-ART REVIEW ARTICLE

Surgical Innovations to Restore Function in Pediatric Peripheral Nerve Conditions

- In this article, we highlight state-of-the-art surgical treatment options that significantly improve the function of children with traumatic nerve injuries, BPBI, and AFM.

Kim A. Bjorklund, Julie M. West, Wilawan Nopkhun, Amy M. Moore

SPECIAL ARTICLES

Care of Congenital Melanocytic Nevi in Newborns and Infants: Review and Management Recommendations

- In this review with management recommendations, we discuss care, risks, and screening for patients with CMN; we includes resources for providers and families.

Marla N. Jahnke, Judith O’Haver, Deepti Gupta, Elena B. Hawryluk, Nika Finelt, Lacey Kruse, Melinda Jen, Kimberly A. Horii, Ilona J. Frieden, Harper Price, Carrie C. Coughlin

The 2020 Joseph W. St Geme, Jr. Leadership Award Address: On Leadership and the Joy of Pediatrics

Joseph W. St Geme, III

ETHICS ROUNDS

Microaggressions: Privileged Observers’ Duty to Act and What They Can Do

- In this article, using a case-based approach, we provide specific guidance regarding actions that bystanders can take to leverage their privilege to interrupt microaggressions.

Jamilah M. Hackworth, Meera Kotagal, O.N. Ray Bignall II, Ndidi Unaka, Armand H. Matheny Antommaria

QUALITY REPORTS

Improving Opioid Stewardship in Pediatric Emergency Medicine

- A comprehensive opioid stewardship program improves physician opioid prescribing practices and delivers safe opioid storage and disposal instructions with minimal effects on return visits for uncontrolled pain.

Richa Lavingia, Ealing Mondragon, Nina McFarlane-Johansson, Rohit P. Shenoi

Improving Hospital Infant Safe Sleep Compliance by Using Safety Prevention Bundle Methodology

- A QI project reveals that infant safe sleep can be implemented across an entire children’s hospital by using an IAP bundle model.

Erich K. Batra, Mary Lewis, Deepa Saravana, Tammy E. Corr, Carrie Daymont, Jennifer R. Miller, Nicole M. Hackman, Margaret Mikula, Barbara Ostrov, Benjamin N. Fogel
QUALITY REPORTS (continued)

STEPP IN: A Multicenter Quality Improvement Collaborative Standardizing Postoperative Handoffs

A 19-center QI collaborative identified and supported strategies to improve postoperative handoffs in children’s hospitals NICUs.

Anthony J. Piazza, Beverly Brozanski, Theresa Grover, John Chuo, Teresa Mingrone, Rakesh Rao, Joan Smith, Doreen Soliman, Natalie Rintoul, Bobby Bellflower, Troy Richardson, Margaret Holston, Richard McClead, Judy Guidash, Eugenia K Pailotto

Opioid Reduction Through Postoperative Pain Management in Pediatric Orthopedic Surgery

Use of standardized guidelines for home-going pain management of orthopedic surgery in children will enable a decrease in the use of opioids.

Kerwyn Jones, Laurie Engler, Elizabeth Fonte, Ibrahim Farid, Michael T. Bigham

CASE REPORTS—Online only at www.pediatrics.org

Spontaneous Massive Pneumomediastinum in a Previously Well Infant With COVID-19

An infant presented with a massive spontaneous pneumomediastinum associated with COVID-19, requiring mediastinal exploration and drainage. A literature review of pneumomediastinum and COVID-19 is presented.

Anushri Dixit, Mohammed Uvaise, Anna Canet-Tarres, and Jon Lillie

Stridor Due to Cranial Nerve X Palsy Progressing to Polyneuropathy in a Teenager With COVID-19

A teenager infected with SARS-CoV-2 presented with stridor due to a CN X palsy that progressed to a polyneuropathy, suggesting a COVID-19–associated neuritis.

Andrea Dean, Amira Said, Kavitha Marri, Daniel Chelius

Molecular Characterization of Inflammatory Tumors Facilitates Initiation of Effective Therapy

Two cases reveal the role of general practitioners and subspecialists in facilitating molecular testing to improve outcomes of children with metastatic IMT.

Franziska Wachter, Alyaa Al-Ibraheemi, Maria C. Trissal, Monica Hollowell, Steven G. DuBois, Natalie E. Collins, Alanna J. Church, Katherine A. Janeway

Reticular Dysgenesis: A Rare Immunodeficiency in a Neonate With Cytopenias and Bacterial Sepsis

This case highlights the importance of NBS and urgent hematology referral for persistent severe neonatal cytopenias to evaluate for possible congenital disorders of hematopoiesis.

Sanyukta K. Janardan, Bojana Pencheva, Anthony Ross, Heidi E. Karpen, Heather Rytting, Glaivy Batsuli

ERRATA—Online only at www.pediatrics.org