ARTICLES

Deaths in Children and Adolescents Associated With COVID-19 and MIS-C in the United States

We report the clinical characteristics and hospital course of persons <21 years of age with SARS-CoV-2-associated deaths in the United States during February to July 2020.


SARS-CoV-2 Antibodies in Breast Milk After Vaccination

The COVID-19 vaccine in breastfeeding mothers yields passive antibody transfer and could be a protective measure against the disease in children of any age.

Dolores Sabina Romero Ramírez, Maríà Magdalena Lara Pérez, Mercedes Carretero Pérez, María Isis Subrez Hernández, Saúl Martín Pulido, Lorena Pera Villacampa, Ana María Fernández Vilar, Mónica Rivero Falero, Paloma González Carretero, Beatriz Reyes Millán, Sabine Roper, Miguel Ángel García Bello

COVID-19 Vaccination–Associated Myocarditis in Adolescents

A large multicenter study affords us insight into characteristics, early outcomes, and myocardial injury noted on state-of-the-art CMR imaging in children with myocarditis after COVID-19 vaccination.

Supriya S. Jain, Jeremy M. Steele, Brian Fonseca, SiHong Huang, Sanket Shah, Shiraz A. Maskatia, Sujatha Budde, Nilayana Misra, Preeti Ramachandran, Lasya Gaur, Partham Eshtehadi, Shaikat Anwar, Neenu Kaushik, Frank Han, Nita Ray Chaudhuri, Lars Grosse-Wortmann

COVID-19 Vaccine Uptake Among US Child Care Providers

In this article we describe the results of a national survey of child care providers to determine the overall COVID-19 vaccine uptake and the gaps in vaccine coverage.

Kavin M. Patel, Amy Malik, Aiden Lee, Madeline Klotz, John Eric Humphries, Thomas Murray, David Wilkinson, Mehr Shafiq, Inci Yildirim, Jad A. Elharake, Rachel Diaz, Chin Reyes, Saad B. Omer, FIDSA, Walter S. Gilliam
ARTICLES (continued)

Pediatric Fatalities Associated With Over-the-Counter Cough and Cold Medications

We provide an analysis of fatalities in children <12 years old associated with oral exposure to CCMs.

Corticosteroids for Acute Orbital Cellulitis

In this retrospective, registry-based study of children hospitalized with orbital cellulitis, we measured the relationship between corticosteroid exposure and hospital LOS.
Maria Anna Leszczynska, Anthony Alexander Sochet, Ash T. H. Nguyen, Jazmine Mateus, John Michael Morrison

Corticosteroids in the Treatment of Pediatric Retropharyngeal and Parapharyngeal Abscesses

In this study, we examine the association between systemic corticosteroid use and the need for surgical drainage in hospitalized children with retropharyngeal or PPA.
Pratichi K. Goenka, Matthew Hall, Samir S. Shah, Todd A. Florin, Nicole Leone, Sridaran Narayanan, Stacey Ishman, Peter Gill, Sheila Liewehr, Nancy Palumbo, Stacy McGeechan, Marcos Mestre, Kavita Parikh

Addressing Myths and Vaccine Hesitancy: A Randomized Trial

In this online experiment in parents of young children, repeating myths when debunking vaccination misinformation does not appear to be inferior to other strategies.
Maryke S. Steffens, Adam G. Dunn, Mathew D. Marques, Margie Danchin, Holly O. Witteman, Julie Leask

Trends in Management of Simple Febrile Seizures at US Children’s Hospitals

In this study, we explore changes in the management of SFS in the ED before and after the publication of the 2011 AAP clinical practice guideline.
Vidya R. Raghavan, John J. Porter, Mark I. Neuman, Todd W. Lyons

Explanatory Diagnoses Following Hospitalization for a Brief Resolved Unexplained Event

In this study, we examine the rate of explanatory diagnosis after hospitalization for a BRUE and the contribution of testing, consults, and observed events.
Risa Bochner, Joel S. Tieder, Erin Sullivan, Matt Hall, Allayne Stephens, Manoj K Mittal, Nidhi Singh, Afima Delaney, Beth Harper, Nirav Shastri, Daniela Hochreiter, Mark I. Neuman, BRIEF RESOLVED UNEXPLAINED EVENT RESEARCH AND QUALITY IMPROVEMENT NETWORK

Update on Phototherapy and Childhood Cancer in a Northern California Cohort

In this study, we reassessed the association between newborn phototherapy and childhood cancer and sought to confirm a late increase in solid tumors reported from Quebec.
Jean C. Digitalet, Mi-Ok Kim, Michael W. Kuzniewicz, Thomas B. Newman

Transgender Youth Referred to Clinics for Gender-Affirming Medical Care in Canada

With prospective data collection across 10 Canadian medical clinics, this study presents baseline data describing transgender gender affirmation patients <16 years of age.
Greta R. Bauer, Danielle Pecaut, Robert Couch, Daniel L. Metzger, Lorraine Gale, Sandra Gotic, Arati Mokashi, Stephen Feder, Joe Raiche, Kathy Nixn Speechley, Julia Temple Newhook, Shuvo Ghosh, Annie Pullen Sansfacon, Frenzoise Susset, Margaret L. Lawson, for the Trans Youth CAN! Research Team

State Spending on Public Benefit Programs and Child Maltreatment

Through linkage of state expenditure and Child Protective Services databases, we examine the potential and cost-effectiveness for benefit programs to prevent child maltreatment.
Henry T. Puls, Matthew Hall, James D. Anderst, Tamis Gurley, James Perrin, Paul J. Chung

Constraint-Induced Movement Therapy for Cerebral Palsy: A Randomized Trial

With the CHAMP factorial RCT, we provide findings to inform clinical recommendations for CIMT and UCT to treat HCP.
Sharon Landesman Ramey, Stephanie C. DeLuca, Richard D. Stevenson, Mark Conaway, Amy R. Darragh, Warren Lo, CHAMP
ARTICLES (continued)

Exercise Intervention for Academic Achievement Among Children: A Randomized Controlled Trial
Through a population-based cluster RCT, this study revealed that a school-based exercise intervention improved school-aged children’s academic achievement in Mongolia.
Kenji Takehara, Ganchimeg Togoobaatar, Akihito Kikuchi, Gundegmaa Lkhagvasuren, Altantsetseg Lkhagvasuren, Ai Aoki, Takemune Fukue, Bat-Erdene Shagdar, Kazuya Suwabe, Massashi Mikami, Rintaro Mori, Hideaki Soya

Child Development in Low- and Middle-Income Countries
Nationally representative data from 159 959 children in 51 LMICs document the role of national-level indicators in individual children’s mental and socioemotional development.
Marc H. Bornstein, W. Andrew Rothenberg, Jennifer E. Lansford, Robert H. Bradley, Kirby Deater-Deckard, Andrea Bizzego, Gianluca Esposito

Conjoint Developmental Trajectories of Adolescent E-cigarette and Combustible Cigarette Use
In this study, by measuring e-cigarette and combustible cigarette use across high school, we identified 4 uptake trajectories and the characteristics of adolescents who made up these trajectories.
Janet Audrain-McGovern, Daniel Rodriguez, Stephen Pianin, Shannon Testa

A Dating Violence Prevention Program for Middle School Youth: A Cluster Randomized Trial
In a cluster RCT, students in the intervention schools were significantly less likely to report perpetrating physical ARA.
Jeff R. Temple, Elizabeth Baumler, Leila Wood, Melanie Thiel, Melissa Peskin, Elizabeth Torres

Variation of Patent Ductus Arteriosus Treatment in Very Low Birth Weight Infants
PDA treatment rates in US VLBW infants vary widely by NICU and are associated with hospital capability and geography despite a largely uniform patient population.
K. Elisabeth Runte, Jonathan N. Flyer, Erika M. Edwards, Roger F. Soll, Jeffrey D. Horbar, Scott B. Yeager

Achieving Entrustable Professional Activities During Fellowship
In a survey, US program directors report that they would graduate fellows who do not meet the level of entrustment expected of practicing subspecialists.
Pnina G. Weiss, Alan Schwartz, Carol L. Carroccio, Bruce E. Herman, David A. Turner, Tandy Aye, Jill J. Fussell, Jennifer Kesselheim, John D. Mahan, Kathleen A. McGann, Angela Myers, Diane E.J. Stafford, Patricia R. Chess, Megan L. Curran, Christiane E. L. Dammann, Pamela High, Deborah C. Hsu, Sarah Pitts, Cary Sauer, Shubhika Srivastava, Richard B. Mink,

COMMENTARIES

Pediatric Poisoning Fatalities: Beyond Cough and Cold Medications
Michele M. Burns, Madeline H. Renny

Impact of Steroids as Adjuvant Therapy in Acute Bacterial Infections of Childhood
Ellen R. Wald, Jens C. Eickhoff

Optimizing Constraint-Induced Movement Therapy for Children With Cerebral Palsy
Alyssa E. Smith, Bhooma Aravamudhan

Understanding the Gap: Transition From Fellowship to Faculty
Laura Chiel, Debra Boyer

FROM THE AMERICAN ACADEMY OF PEDIATRICS

Clinical Report
Biologics for Asthma and Allergic Skin Diseases in Children
Heather Hoch De Keyser, Bradley Chippa, Chitra Dinakar, SECTION ON ALLERGY AND IMMUINOLOGY and SECTION ON PEDIATRIC PULMONOLOGY AND SLEEP MEDICINE
Surfactant Nebulization to Prevent Intubation in Preterm Infants: A Systematic Review and Meta-analysis

This meta-analysis evaluates the efficacy of SN in reducing early intubation and neonatal morbidities in preterm infants and explores potential effect modifiers.

Vincent D. Gaertner, Janine Thomann, Dirk Bassler, Christoph M. Ruegger

STATE-OF-THE-ART REVIEW ARTICLE

Advances in Neonatal Acute Kidney Injury

AKI in neonates is an evolving field with quickly expanding research; in this review, changes over the past 5 years are highlighted.

Michelle C. Starr, Jennifer R. Charlton, Ronnie Guillet, Kimberly Reidy, Trent E. Tippie, Jennifer G. Jetton, Alison L. Kent, Carolyn L. Abitbol, Namavivam Ambalavanan, Maroun J. Mhanna, David J. Askrenazi, David T. Selewski, Matthew W. Harer, on behalf of the Neonatal Kidney Collaborative Board

SPECIAL ARTICLE

Land Rights and Health Outcomes in American Indian/Alaska Native Children

AI/AN child health outcomes are closely linked to land rights and environmental health and are driven by factors discussed in this article.

Joseph Burns, Alessandra C. Angelino, Kyna Lewis, Marah E. Gotschik, Ronny A. Bell, Joseph Bell, Alison Empey

ETHICS ROUNDS

Sexuality Among Adolescents With Intellectual Disability: Balancing Autonomy and Protection

Sharon C. Enujioke, Brian Leland, Emily Munson, Mary A. Ott

QUALITY REPORTS

Cross-Sector Approach Expands Screening and Addresses Health-Related Social Needs in Primary Care

DULCE, an evidence-based intervention, can be spread by using QI to improve health care quality, systems integration, and outcomes of families with infants.

Mary Catherine Arbour, Baraka Floyd, Samantha Morton, Patsy Hampton, Jennifer Murphy Sims, Stephanie Doyle, Sidney Atwood, Robert Sege

An Intervention to Improve Chlamydia and Gonorrhea Testing Among Adolescents in Primary Care

This study evaluates the effectiveness of a universal chlamydia and gonorrhea testing intervention in improving adolescent testing rates in general pediatric and family medicine settings.


Interconception Care and Safe Sleep: Adapting the IMPLICIT Toolkit for Pediatrics

Pediatricians implement ICC and safe sleep screening during pediatric visits. FRAME can be used to systematically record adaptations to existing interventions.

Emily Scott, Kara Casavan, Nancy Swigonski

Reducing Benzodiazepine Exposure by Instituting a Guideline for Dexmedetomidine Usage in the NICU

After implementation of a quality improvement framework that included standardized usage of dexmedetomidine, we observed a reduction in midazolam exposure among NICU patients requiring sedation.

Sarah U. Morton, Michelle Labrecque, Mark Moline, Anne Hansen, Kristen Leeman
DIAGNOSTIC DILEMMAS

Scalp Nodules and Facial Droop in an Infant

An infant presents with enlarging scalp nodules and subsequently develops a facial droop; laboratory studies, imaging, and skin biopsy specimens reveal the final diagnosis.

Christopher E. Gaw, Christina S. Turn, Susan R. Rheingold, Leslie Castelo-Soccio, Jaclyn Tencer, Anjuli S. Gans, Richard J. Scarfone

CASE REPORTS—Online only at www.pediatrics.org

Neonatal MIS-C: Managing the Cytokine Storm

A unique case of MIS-C in a newborn with refractory myocarditis, along with gastrointestinal, renal, and dermatologic manifestations, successfully managed with IVIG and steroids.

Sumita Saha, Priyankar Pal, Devdeep Mukherjee

Multisystem Autoimmune Inflammatory Disease, Including Colitis, Due to Inborn Error of Immunity

Extensive immune evaluation and genetic diagnosis can optimize treatment in patients with suspected IEIs presenting with multisystem autoimmunity and/or inflammation.

Aniko Malik, Elizabeth Stringer, Neil Warner, Johan van Limbergen, Anthony Vandersteen, Alexa Muise, Beata Derfalvi

Novel Device for Endoluminal Esophageal Atresia Repair: First-in-Human Experience

Endoscopic EA repair with EMCA using a novel device successfully mitigated operative morbidity in 3 high-risk neonates with highly favorable outcomes.

Oliver J. Muensterer, Lauren L. Evans, Alexander Sterlin, Mohammad Sahlabadi, Vamsi Aribindi, Andreas Lindner, Fatiana König, Michael R. Harrison

HLH-Like Syndrome and Rhabdomyolysis in an Adolescent Patient

We detail HLH in an adolescent patient with fever, myositis, and rhabdomyolysis and the importance of diagnostic flexibility and takeaways for clinicians.

Lauren T. Maloney, Dia Hazer, Bronwyn Baz

Next-Generation Sequencing as an Auxiliary Tool in Pediatric Laryngeal Lymphoma Diagnosis

This is the first known case of next-generation sequencing of plasma mcfDNA leading to a new oncologic diagnosis.

Tina Munjal, Neelaysh Vukkadala, Florette K. Hazard, Kara D. Meister

LETTER TO THE EDITOR—Online only at www.pediatrics.org

RE: Racial and Ethnic Disparities in Multisystem Inflammatory Syndrome in Children

Amarilis A. Martin, Courtney E. Harris, Jocelyn Y. Ang

ERRATA—Online only at www.pediatrics.org


STATEMENT OF CORRECTION—Online only at www.pediatrics.org