









contents

For Author Guidelines please visit www.pediatrics.org

ARTICLES

-   **Early Postinjury Screen Time and Concussion Recovery** 36
Molly Cairncross, Keith Owen Yeates, Ken Tang, Sheri Madigan, Miriam H Beauchamp, William Craig, Quynh Doan, Roger Zemek, Kristina Kowalski, Noah D Silverberg, on behalf of the Pediatric Emergency Research Canada A-CAP study team
-   **Drill Intensity and Head Impact Exposure in Adolescent Football** 39
 • This study provides evidence to suggest that USA Football's levels-of-contact system may be able to reduce head impact exposure in U.S. high school tackle football.
Kyle A. Kercher, Jesse A. Steinfeldt, Jonathan T. Macy, Dong-Chul Seo, Keisuke Kawata
-   **Safety and Immunogenicity of Cell-Based Quadrivalent Influenza Vaccine: A Randomized Trial** 40
 • Safety and immunogenicity of cell-based quadrivalent inactivated influenza vaccine is comparable to US-licensed vaccine indicated for use in children 6 month of age and older.
Brandon J. Essink, Marten Heeringa, Robert J. Jeanfreau, Daniel Finn, Vince Matassa, Jonathan Edelman, Matthew Hohenboken, Deborah Molrine
- Infants Born Following SARS-CoV-2 Infection in Pregnancy** 44
 • This study describes the long-term outcomes of neonates exposed to severe acute respiratory syndrome coronavirus 2 infection in pregnancy and analyzes the factors that influence antibody transplacental transfer and longevity.
Maria Grazia Capretti, Concetta Marsico, Liliana Gabrielli, Caterina Vocale, Santo Arcuri, Giuliana Simonazzi, Anna Rita Piccinini, Cristina Brandolini, Tiziana Lazzarotto, Luigi Tommaso Corvaglia
- Effectiveness of mRNA COVID-19 Vaccines in Adolescents Over 6 Months** 45
 • This retrospective cohort study was aimed at estimating messenger ribonucleic acid (mRNA) coronavirus disease 2019 (COVID-19) vaccine effectiveness against severe acute respiratory syndrome coronavirus 2 infection and COVID-19 in the Sicilian adolescents' cohort in a 6 month observation period.
Emanuele Amodio, Dario Genovese, Luca Mazzeo, Luca Martino, Vincenzo Restivo, Giuseppe Vella, Giuseppe Calamusa, Francesco Vitale
-   **Test-to-Stay After SARS-CoV-2 Exposure: A Mitigation Strategy for Optionally Masked K-12 Schools** 46
Melissa M. Campbell, Daniel K. Benjamin, Jr., Tara K. Mann, Alex Fist, Ashley Blakemore, Kylee S. Diaz, Hwasoon Kim, Laura J. Edwards, Zsolt Rak, M. Alan Brookhart, Zack Moore, Elizabeth Cuervo Tison, Ibukun Kalu, Angeliq E. Boutzoukas, Ganga S. Moorthy, Diya Uthappa, Zeni Scott, David J. Weber, Andi L. Shane, Kristina A. Bryant, Kanecia O. Zimmerman, on behalf of the ABC Science Collaborative

Most of the articles in *PEDIATRICS* have more content available online at www.pediatrics.org.



= supplement



= data file/supplementary information available online



= podcast available online



= video available online



= funded by NIH

STAY CONNECTED



facebook.com/aappeds



instagram.com/aap_pediatrics



twitter.com/aap_peds














 **AAP Journals**

publications.aap.org/journals

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.

contents

ARTICLES (continued)

-   **COVID-19 and Acute Neurologic Complications in Children** 47
- This cross-sectional study of 52 children's hospitals examined the prevalence, outcomes, and factors associated with neurologic complications in children with coronavirus disease 2019 (COVID-19).
- James W. Antoon, Matt Hall, Leigh M. Howard, Alison Herndon, Katherine L. Freundlich, Carlos G. Grijalva, Derek J. Williams*
-  **Childcare and School Acute Gastroenteritis Outbreaks: 2009–2020** 48
- This study analyzes the epidemiology of acute gastroenteritis outbreaks reported in schools and childcares to the National Outbreak Reporting System from 2009 to 2020.
- Claire P. Mattison, Laura E. Calderwood, Zachary A. Marsh, Mary E. Wikswo, Neha Balachandran, Anita K. Kamhampati, Michelle E. Gleason, Hannah Lawinger, Sara A. Mirza*
-  **Warning Labels and High-Powered Magnet Exposures** 49
- IMPACT of Magnets study participants were prospectively contacted to assess the presence of warning labels, the magnet product manufacturer, and participant attitudes around risk.
- Leah K. Middelberg, Julie C. Leonard, Junxin Shi, Arturo Aranda, Julie C. Brown, Christina L. Cochran, Kasi Eastep, Maya Haasz, Jennifer A. Hoffmann, Alexander Koral, Abdulraouf Lamoshi, Steven Levitte, Yu Hsiang J. Lo, Taylor Montminy, Sara Myer, Nathan M. Novotny, Raphael H. Parrado, Wenly Ruan, Amanda M. Stewart, Saurabh Talathi, Melissa M. Tavarez, Peter Townsend, Julia Zaytsev, Bryan Rudolph*
-   **Medical Certification for Utility Shut-Off Protection and Health-Related Social Needs** 50
- Most families who received medical certification for utility shut-off protection demonstrated food, housing, and financial insecurity. Many experienced threatened and/or completed utility shutoffs.
- Julia Rosenberg, Alice Rosenthal, Suzanne Castillo, Emily Edwards, Caroline Erickson, Patricia Nogelo, Ada M Fenick*
-   **Long-Term Outcome of Necrotizing Enterocolitis and Spontaneous Intestinal Perforation** 51
- Surgical necrotizing enterocolitis and spontaneous intestinal perforation might be associated with growth impairment but is not associated with adverse neurodevelopmental outcomes in ages 10 and 15 years.
- Ruben Vaidya, Joe X. Yi, T. Michael O'Shea, Elizabeth T. Jensen, Robert M. Joseph, Jeffrey Shenberger, Sema Gogcu, Kathryn Wagner, Michael E. Msall, Amanda L. Thompson, Jean A. Frazier, Rebecca Fry, Rachana Singh, on behalf of ELGAN-ECHO Study Investigators*
-  **Clinical Assessment of Late Health Outcomes in Survivors of Wilms Tumor** 52
- Kayla L. Foster, Daniel M. Green, Sedigheh Mirzaei Salehabadi, Mengqi Xing, Kirsten K. Ness, Kevin R. Krull, Tara M. Brinkman, Matthew J. Ehrhardt, Wassim Chemaitilly, Stephanie B. Dixon, Nickhill Bhakta, Rachel C. Brennan, Matthew J. Krasin, Andrew M. Davidoff, Leslie L. Robison, Melissa M. Hudson, Daniel A. Mulrooney*
-  **Racial and Ethnic Disparities in the Perinatal Health of Infants Conceived by ART** 53
- Sarka Lisonkova, Ugochinyere Vivian Ukah, Sid John, Lauren Yearwood, Giulia M Muraca, Neda Razaz, Yasser Sabr, Paul J Yong, Mohamed A. Bedaiwy*
-  **Neurodevelopment and Recovery From Wasting** 54
- In children convalescing from acute illness, neurodevelopmental recovery mirrored wasting recovery, indicating a reversibility of wasting-induced impact on neurodevelopment.
- Harriet M. Babikako, Celine Bourdon, Emmie Mbale, Peace Aber, Annet Birabwa, Josephine Chimoyo, Wieger Voskuil, Zaubina Kazi, Paraskevi Massara, John Mukisa, Ezekiel Mupere, Margaret Nampijja, Ali Faisal Saleem, Luke S. Uebelhoer, Robert Bandsma, Judd L. Walson, James A. Berkley, Christina Lancioni, Melissa Gladstone, Meta van den Heuvel*
-   **Pediatric Shared Decision-Making for Simple and Complex Decisions: Findings From a Delphi Panel** 55
- The authors of this study developed, via the Delphi method, recommendations for shared decision-making (SDM) in pediatrics for both simple and complex decisions.
- Sarah M. Eaton, Jonna D. Clark, Christy L. Cummings, Alexander A. Kon, Wynne Morrison, Chris Feudtner, Jürg C. Streuli*

PEDIATRICS®

NOVEMBER 2022 • VOLUME 150 • NUMBER 5

contents

COMMENTARIES

- Understanding the True Effect of Screen Time on Recovery From Concussion** 37
Theodore Macnow, Tess Curran, Rebekah Mannix
- Cell-Culture–Based Influenza Vaccines: Don't Put All of Your Influenza Vaccines in the Egg Basket** 41
Jennifer L. Nayak, Mary T. Caserta
- Can Duration of Antibiotic Therapy for Bacterial Meningitis in Infants Be Shortened?** 57
Sheldon L. Kaplan
- Looking Into the Future for Children of Young Mothers** 61
Hana Smith, Bethany Ashby

FROM THE AMERICAN ACADEMY OF PEDIATRICS

Policy Statements

- Optimizing Pediatric Patient Safety in the Emergency Care Setting** 70
Madeline M. Joseph, Prashant Mahajan, Sally K. Snow, Brandon C. Ku, Mohsen Saidinejad, and the AMERICAN ACADEMY OF PEDIATRICS COMMITTEE ON PEDIATRIC EMERGENCY MEDICINE, AMERICAN COLLEGE OF EMERGENCY PHYSICIANS PEDIATRIC EMERGENCY MEDICINE COMMITTEE, and EMERGENCY NURSES ASSOCIATION PEDIATRIC COMMITTEE

e-Policy Pages—www.pediatrics.org

Physician Health and Wellness

Hilary H. McClafferty, Dena K. Hubbard, Dana Foradori, Melanie L. Brown, Jochen Profit, Daniel S. Tawfik, SECTION ON INTEGRATIVE MEDICINE

Optimizing Pediatric Patient Safety in the Emergency Care Setting

Madeline M. Joseph, Prashant Mahajan, Sally K. Snow, Brandon C. Ku, Mohsen Saidinejad, the AMERICAN ACADEMY OF PEDIATRICS COMMITTEE ON PEDIATRIC EMERGENCY MEDICINE, the AMERICAN COLLEGE OF EMERGENCY PHYSICIANS PEDIATRIC EMERGENCY MEDICINE COMMITTEE, and the EMERGENCY NURSES ASSOCIATION PEDIATRIC COMMITTEE

PEDIATRICS PERSPECTIVES

- The Provision of Disability Sports in Schools** 1
Jen Zdroik, Cindy Piletic, Philip Veliz
- The International League Against Epilepsy New Classification of Neonatal Seizures** 4
Eli M. Mizrahi, Ronit M. Pressler, on behalf of the Task Force on Neonatal Seizures, Commission on Classification and Terminology, International League Against Epilepsy (ILAE)
- Medical–Theater Arts Partnerships** 9
Kanani E. Titchen

FEATURES

- Antiracism in Action: Deconstructing the Role of Child Protective Services in Pediatrics** 12
LaShyra T. Nolen
- How the Global Violence Against Children and Youth Surveys Help Improve Pediatric Global Health** 15
Nickolas T. Agathis, Francis B. Annor, James Mercy, Laura Chiang, Regina Benevides de Barros, Greta M. Massetti

contents

RESEARCH BRIEFS

- Waning Immunity 14 Months After SARS-CoV-2 Infection**

Maximilian Stich, Louise Benning, Claudius Speer, Sven F. Garbade, Marie Bartenschlager, Heeyoung Kim, Florian Gleich, Kathrin Jeltsch, Bettina Haase, Aleš Janda, Hanna Renk, Roland Elling, Paul Schnitzler, Tim Waterboer, Georg Friedrich Hoffmann, Hans-Georg Kräusslich, Barbara Müller, Ralf Bartenschlager, Burkhard Tönshoff

21
- HPV Vaccinations at Acute Visits and Subsequent Adolescent Preventive Visits**

Alexander G. Fiks, Chloe Hannan, Russell Localio, Mary Kate Kelly, Alisa J. Stephens-Shields, Robert W. Grundmeier, Laura P. Shone, Jennifer Steffes, Abigail Breck, Margaret Wright, Cynthia M. Rand, Christina Albertin, Sharon G. Humiston, Greta McFarland, Dianna E. Abney, Peter G. Szilagyi

25
- Blood Lead Levels Among Afghan Children in the United States, 2014-2016**

Clelia Pezzi, Gayathri S. Kumar, Deborah Lee, Nuny Cabanting, Breanna Kawasaki, Lori Kennedy, Jenny Aguirre, Melissa Titus, Rebecca Ford, Blain Mamo, Kailey Urban, Stephen Hughes, Colleen Payton, Marc Altshuler, Jessica Montour, Emily S. Jentes

28
- Impact of the 2017 FDA Drug Safety Communication on Codeine and Tramadol Dispensing to Children**

Madeline H. Renny, Victoria Jent, Tarlise Townsend, Magdalena Cerdá

32

REVIEW ARTICLES

- Duration of Antibiotic Therapy for Bacterial Meningitis in Young Infants: A Systematic Review**

 - This study systematically reviews the literature on the duration of antibiotic therapy and outcomes in the treatment of bacterial meningitis in infants <3 months old.

Maité Van Hentenryck, Alan R. Schroeder, Russell J. McCulloh, Christopher D. Stave, Marie E. Wang

56
- Cognitive and Mental Health of Young Mothers' Offspring: A Meta-analysis**

 - In this systematic review of 35 studies, cognitive, externalizing, and internalizing problems were more common in the offspring of young mothers from infancy to adulthood.

Liam Cresswell, Mateusz Faltyń, Claire Lawrence, Zoe Tsai, Sawayra Owais, Calan Savoy, Ellen Lipman, Ryan J Van Lieshout

60
- Defining and Measuring Child and Youth Thriving: A Scoping Review**

 - This scoping review identified definitions, frameworks, and measures of child and youth thriving to advance our ability to support positive health assessments in pediatrics.

Anna K. Ettinger, Lauren Risser, Shiva Rahman, David Rigas, Rebecca Abromitis, Lynissa R. Stokes, Val Chavis, Elizabeth Miller

63

STATE-OF-THE-ART REVIEW

- Atherosclerotic Cardiovascular Risk as an Emerging Priority in Pediatrics**

 - The etiology of early atherosclerosis is discussed, in a diverse and growing list of pediatric groups at risk for atherosclerotic cardiovascular disease.

Henk S. Schipper, Sarah de Ferranti

64

SPECIAL ARTICLE

- Early Management of Afghan Evacuees**

Henry Goetzman, Nelson H. Guadalupe, Sharon C. Enujioke

65

QUALITY REPORTS

- Reducing Unnecessary Treatment of Bronchiolitis Across a Large Regional Health Service in Spain**

 - A deployment strategy of an integrated clinical pathway was associated with global improvements in managing bronchiolitis in a regional health service.

Marta Montejo, Natalia Paniagua, Jose Ignacio Pijoan, Carlos Saiz-Hernando, Susana Castelo, Vanesa Martín, Alvaro Sánchez, Javier Benito

66

contents

QUALITY REPORTS *(continued)*

Improving Discharge Safety in a Pediatric Emergency Department 67

• A quality-improvement intervention ensuring interdisciplinary collaboration and standardized discharge communication with families led to the elimination of preventable serious safety events in a pediatric emergency department.

Niloufar Paydar-Darian, Anne M. Stack, Diana Volpe, Megan J. Gerling, Annie Seneski, Matthew A. Eisenberg, Eileen Hickey, Katie Toomey Lindsay, Laura Moriarty, Joel D. Hudgins, Francine Falvo, Elyse N. Portillo, Jessica K. Creedon, Catherine E. Perron

DIAGNOSTIC DILEMMAS

Recurrent Rash in an 11-Year-Old Boy With Pericardial and Pleural Effusions 68

Allison M. Weisnicht, Ryan Byrne, Erin B. Henkel, Stephen A. Harding, Stefan P. Kostelyna, Deborah Schady, Jamie Lai, Leigh A. Stubbs

A 43-Day-Old Male With Respiratory Distress and Acute-Onset Hypotonia 69

Alisa Corrado, Grace Yoshiba, Megan Buranosky, Zakary Woods, Julie Wohrley, Lubov Romantseva, Ashley Wolf

CASE REPORTS—Online only at www.pediatrics.org

Multifocal Kaposiform Hemangioendothelioma in a Newborn With Confirmatory Histopathology

Olivia Grace Cohen, Stephanie Florez-Pollack, Laura S. Finn, Mary Larijani, Melinda Jen, James Treat, Denise M. Adams, Michael R. Acord

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

Letter to the Editor

Peter C. Minneci, David A. Talan, Katherine J. Deans

Author Response

Susan C. Lipsett, Richard G. Bachur

Letter to the Editor

Miguel Menéndez, on behalf of Spanish Breastfeeding Association

Author Response

Rachel Y Moon, and AAP Task Force on SIDS, Moon, Elie G. Abu Jawdeh, Rebecca F. Carlin, Jeffrey Colvin, Michael H. Goodstein, Ivan Hand, Fern R. Hauck, Sunah S. Hwang

ERRATA—Online only at www.pediatrics.org

Correction for ZEMEL 2015-1652