PEDIATRICS°

JANUARY 2025 · VOLUME 155 · NUMBER 1

contents

PEDIATRICS PERSPECTIVES

Analyzing Pediatric Safety Events Using Antiracist Principles Kavita Parikh, Maranda C. Ward, Matt Hall, Sunitha V. Kaiser, Joel S. Tieder

Listen Up: Autistic Youth Need to be Heard Jace E. Pooley



🔐 臼 Children's Understanding of Commonly Used Medical **Terminology**

> Rheanne Maravelas, Zachary Linneman, Jordan Marmet, Marissa A. Hendrickson, Scott Lunos, Emily Hause, Alexis Quade, Katherine Allen, Michelle M. Kelly, Sage Marmet, Brett Norling, Aarabhi S. Rajagopal, Madeline Suk, Michael Pitt

DIVERSITY, EQUITY, INCLUSION, AND JUSTICE



Advancing Equitable Participation in Pediatric Clinical Trials Through Cognitive Interviewing

Grace W Ryan, Melissa Goulding, Deicy Mejia Agudelo, Stephanie Simms, Michelle Spano, Juliana Arenas, Sarah Becker, Sonia Radu, Stephenie C. Lemon, Milagros Rosal, Lori Pbert, Michelle Trivedi

RESEARCH BRIEFS



M Diagnostic Performance of AAP-Recommended Inflammatory Markers in Febrile Infants Aged 60 Days or Younger

> Lyubina C. Yankova, Corrie E. McDaniel, Ellen Kerns, Alaina Shine, Beatriz A. Ruiz, Hayly A. Caruso, Paul L. Aronson

ARTICLES



The Role of "The Talk" and Its Themes in Black Youths' **Anticipatory Stress of Police Brutality**

· Receiving "the talk" from caregivers may reduce anticipatory stress of direct and vicarious police brutality. Messages during

Lindsey Webb, Monique Jindal, J'Mag Karbeah, Alexander Testa, Rebecca L. Fix, Dylan B. Jackson



Breastfeeding Trends Following the US Infant Formula Shortage

· Using US birth certificate data (2016-2022) for 20,996,516 infants, this study identifies a surge in breastfeeding initiation amidst the 2022 infant formula crisis, mitigating disparities.

Luis Seoane Estruel, Tatiana Andreyeva

icon legend

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



= supplement



= data file/supplementary information available online



= video available online



1

4

11

16

19

20

= 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.

PEDIATRICS°

JANUARY 2025 • VOLUME 155 • NUMBER 1

ARTICLES (continued)

contents

	Extreme Heat Stress and Unplanned Hospital Admissions Through population-based cohorts, this study shows that extreme heat stress was associated with increased risk of hospitalisation due to infection and heat-related illness in children.	21
	Wen-Qiang He, Gavin Pereira, Nan Hu, Raghu Lingam, Lindsey Hunt, Adrienne Gordon, Ollie Jay, Natasha Nassar	
	Nirsevimab Effectiveness Against Severe Respiratory Syncytial Virus Infection in the Primary Care Setting	22
	• The effectiveness of nirsevimab to prevent medically attended RSV-LRTI in infants in outpatient settings in Valencia and Murcia regions of Spain is 76%.	
	Mónica López-Lacort, Cintia Muñoz-Quiles, Ainara Mira-Iglesias, F. Xavier López-Labrador, María-Garcés-Sánchez, Begoña Escribano-López, Matilde Zornoza-Moreno, Jaime Jesús Pérez-Martín, Santiago Alfayate-Miguelez, Antonio Iofrío-De Arce, Eliseo Pastor-Villalba, José Antonio Lluch-Rodrigo, Javier Díez-Domingo, Alejandro Orrico-Sánchez, on behalf of the MEDIPRIM network	
U	Risk of Transmission of Vaccine-Strain Rotavirus in a Neonatal Intensive Care Unit That Routinely Vaccinates	23
	• This 1-year prospective cohort study investigated the incidence of vaccine-strain rotavirus transmission in a 100-bed neonatal intensive care unit that routinely gives pentavalent rotavirus vaccine to eligible patients.	
	Morgan A. Zalot, Margaret M. Cortese, Kevin P. O'Callaghan, Mary C. Casey-Moore, Nathan L'Etoile, Sarah Leeann Smart, Michelle J. Honeywood, Slavica Mijatovic-Rustempasic, Jacqueline E. Tate, Anna Davis, Nicole Wittmeyer, Carolyn McGann, Salma Sadaf, Kadedra Wilson, Michael D. Bowen, Rashi Gautam, Umesh D. Parashar, MBBS, Susan E. Coffin, Kathleen A. Gibbs	
	Health Outcomes 50 Years After Preterm Birth in Participants of a Trial of Antenatal Betamethasone	24
	• Fifty-year outcomes after preterm birth were studied by following up participants of the first clinical trial of antenatal corticosteroids for preterm birth.	
	Anthony G. B. Walters, Greg D. Gamble, Caroline A. Crowther, Stuart R. Dalziel, Carl L. Eagleton, Christopher J. D. McKinlay, Barry J. Milne, Jane E. Harding	
y 😩	The Needs and Experiences of Black Families in the Neonatal Intensive Care Unit Through qualitative interviewing, Black families who had an infant in the neonatal intensive care unit described experiences and recommendations for increasing quality of care.	25
	Devlynne S. Ondusko, Susanne Klawetter, Emily Hawkins Carter, Morinne Osborne, Jaime W. Peterson, Veronica I. Underwood Carrasco, Astrid Platteau, Roberta Suzette Hunte	
	Bereaved Parents' Perceptions of the Doll Reenactment After Sudden Unexpected Infant Deaths • A doll reenactment is emotionally challenging for newly bereaved parents after SIDS, particularly those who discovered the child lifeless, but can also aid parents' understanding.	26
	Pål Kristensen, Atle Dyregrov, Torleiv O. Rognum, Richard D. Goldstein	
	Applying Large Language Models to Assess Quality of Care: Monitoring ADHD Medication Side Effects • This study assessed the accuracy of large language models in capturing electronic health record	27
	documentation of monitoring medication side effects in children with attention-deficit/hyperactivity disorder.	
	Yair Bannett, Fatma Gunturkun, Malvika Pillai, Jessica E. Herrmann, Ingrid Luo, Lynne C. Huffman, Heidi M. Feldman	
	COMMENTARIES	
	The More Things Change, One Thing Stays the Same Lewis R. First, Kate Larson, Joseph Puskarz, Alex R. Kemper	28
	Racial Socialization to Keep Children Safe: All of Our Responsibility Joseph L. Wright	30

PEDIATRICS°

JANUARY 2025 • VOLUME 155 • NUMBER 1

CRKL gene deletion.

Hannah L. Rhodes, Lucy Bownass, Sarah F. Smithson, Mark N. Woodward

contents

	COMMENTARIES (continued)	
	Infant Feeding Disparities Amid the Formula Shortage: Where Do We Go From Here? Rita Wang, Neha S. Anand, Heather E. Hsu	32
	Pediatric Climate Action for Our Children Sandra H. Jee, Lisa Patel	34
	Rotavirus Vaccination in the NICU: It's Time to Turn Opportunity Into Action Thomas J. Sandora	37
	Outcomes 50 Years After Preterm Birth: A Golden Opportunity to Reflect on Pathways Toward Thriving Jonathan S. Litt, Henning Tiemeier	39
	Harnessing Large Language Models: Advancing ADHD Care Quality, Fairness, and Transparency with Al Robert W. Grundmeier, Kevin B. Johnson	41
	STATE-OF-THE-ART REVIEW	
H	Supporting Children's Mental Health Needs in Disasters • Disasters can have short- and long-term psychological impacts on children. We review how mental health considerations can be integrated into disaster preparedness, response, and recovery. Jennifer A. Hoffmann, Alba Pergjika, Kimberly Burkhart, Christopher Gable, Ashley A. Foster, Mohsen Saidinejad, Trevor Covington, Desiree Edemba, Sara Mullins, Merritt Schreiber, Lee S. Beers	43
	QUALITY REPORTS	
H	Equity-Focused Interventions Improve Interpreter Use in the Pediatric Intensive Care Unit This study demonstrates increased interpreter use for PICU patients after a multi-intervention quality improvement project.	44
	Lena Oliveros, Hector Valdivia, Colin Crook, Lori Rutman, Surabhi Vora, Dwight Barry, Lauren Rakes	
	An Improvement Project to Lower Pneumothorax Rates in Neonates Born at 36 Weeks' Gestational Age or Beyond • CPAP use in newborn resuscitation has been associated with pneumothorax. We modified the indication for CPAP and observed lower CPAP use and pneumothorax rates. Jenica Sandall, Craig Hilborn, Stephen Welty	45
	FROM THE AMERICAN ACADEMY OF PEDIATRICS	
	Clinical Report Newborn Screening for Critical Congenital Heart Disease: A New Algorithm and Other Updated Recommendations: Clinical Report Matthew E. Oster, Nelangi M. Pinto, Arun K. Pramanik, Allison Markowsky, Bryanna N. Schwartz, Alex R. Kemper, Lisa A. Hom, Gerard R. Martin; SECTION ON CARDIOLOGY AND CARDIAC SURGERY; SECTION ON HOSPITAL MEDICINE; COMMITTEE ON FETUS AND NEWBORN	46
	CASE REPORTS—Online only at www.pediatrics.org	
	Autism, Electrical Status Epilepticus in Sleep, and a Likely Pathogenic SEMA6B Variant • A newly identified pathogenic gene variant with link to epilepsy is identified in an 8-year-old male who presented with developmental regression and cognitive decline. Ahmed Ibrahim, David Jackson	
	CRKL Gene Deletion in Familial Zinner (OSVIRA) and OHVIRA Syndromes • Zinner (OSVIRA) and OHVIRA syndromes are the male and female expressions of the same underlying	