



Paediatric & Child Health bulletin

September 2025

The aim of this current awareness bulletin is to provide a digest of recent articles in Paediatrics and Child Health

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Allergies

Urban lifestyle and climate-driven environmental exposures: immunological consequences for pediatric respiratory allergies

Zahra Kanannejad et al

Immunity, Inflammation and Disease 13 (8) urban lifestyle

Methodology of the international cross-sectional prevalence and severity study of pediatric and adults IgE-mediated food allergies (ASSESS FA)

Gupta R et al

World Allergy Organisation Journal 18 (9) 101105

Bibliometric analysis of global pediatric research on cow' milk protein allergy

Lin X et al

Journal of Asthma and Allergy 18 (2025) 85-100

Breastfeeding

Supporting breastfeeding when clinical nutrition interventions are required in the paediatric healthcare setting: a systematic review

Errico J et al

International Breastfeeding Journal 20 (1) 1-29

Advances in infant and pediatric feeding and nutrition

Foster J

Nutrients 17 (14) 2378



Mobile applications for promoting and supporting breastfeeding: systematic review and meta-analysis

Ziebart M et al

Maternal and Child Nutrition 21 (1) mobile applications

Dermatology

Communicating relative radiation doses for plain radiographs in pediatric dermatology

Goodman-Khan A et al

Pediatric Dermatology 42 (5) 1034-1936

Clinicoetiological profile of pediatric dermatoses: a tertiary care experience in Northern India

Arya A et al

Indian Journal of Paediatric Dermatology 26 (3) 176

Two pediatric cases of alopecia universalis with concomitant atopic dermatitis successfully treated with baricitinib

Schoichiro Muratani et al

JAAD Case Reports 63 (2025) 135-138

Genetic Diseases in Children

Application of rapid clinical exome sequencing technology in the diagnosis of critically ill pediatric patients with suspected genetic diseases

Xuejun Ouyang et al

Frontiers in Genetics 16 (2025) rapid clinical exome sequencing

Rapid whole-genome sequencing in critically ill infants and children with suspected, undiagnosed genetic diseases: evolution to a first-tier clinical laboratory test in the era of precision in medicine

Kansal R et al

Children 12 (4) rapid whole genome sequencing

International precision child health partnership (IPCHiP): an initiative to accelerate discovery and improve outcomes in rare pediatric disease

Howell K et al

Genomic Medicine 10 (1) 1-14

Infectious diseases



Epidemiological trends in pediatric osteoarticular infections – results from a single-center retrospective study covering 2015-2023

Van Kempen E et al
Children 12 (9) 1210

A clinical analysis of the 2024 pertussis outbreak among pediatric patients in an infectious diseases hospital in Bucharest, Romania

Merisescu M et al
GERMS 15 (1) 56

Trends in pediatric vaccination coverage in Italy from 2000 to 2023

Villani L et al
European Journal of Public Health 35 (4) 781

Scheffersomyces Spartinae Fungemia among pediatric patients, Pakistan 2020-2024

Jabeen K et al
Emergency Infectious Diseases 31 (8) 1550

The changing landscape of pediatric infectious diseases before, during and after the COVID-19 pandemic

Byung Wook Eun
Child Health Nursing Research 31 (2) 79-84

Miscellaneous

Troubling rise in emergency department attendance of babies and young children in England: Time to focus on prevention and support

Blair M et al
Journal of Family & Child Health 2 (8) 340-343

Neurology

Parental perspectives on family-centered care in pediatric neurology: an explanatory sequential mixed-methods study

Sarikaya, Ege et al
Developmental Medicine and Child Neurology 67 (10) 1340-1353

Considerations in transition of pediatric neurology patients to adult care

Asif Doja et al



Annals of the Child Neurology Society 3 (3) 145-151

Evaluating the documentation of the transition of care process for adolescents with epilepsy: insights from a pediatric neurology clinic

Ogndiran O et al

Epilepsy and Behavior 171 (Oct) 110614

Parental measurement and correlation of empathy among families attending pediatric neurology clinics

Bamaga A et al

Journal of Family Medicine and Primary Care 14 (3) 855

Nutrition

Patient malnutrition risk or number of initial nutrition intervention categories can be used to develop registered dietitian nutritionist staffing models in the inpatient adult and pediatric hospital setting: a cohort study

Hand R et al

Journal of the Academy of Nutrition & Dietetics 125 (3) 348-365

Culinary medicine for caregivers: protocol for a mixed-methods feasibility study to improve pediatric cancer patient and caregiver outcomes through nutrition and culinary support

Milliron B et al

Pilot and Feasibility Studies 11 (1) culinary medicine

Comparison of clinical effectiveness and microbiome impact between specific polymeric and monomeric diet for exclusive enteral nutrition in pediatric Crohn's disease: a prospective cohort study

Kwon Y et al

Journal of Functional Foods 133 (Oct)

Pain and Paediatrics

Combined neurolysis of the Gasserian and Sphenopalatine Ganglia in children with Sinonasal Alveolar Rhabdomyosarcoms: innovative strategies for pediatric oncological pain management

Arteta B et al

Indian Journal of Pain 39 (20) 89



Development and psychometric properties of child pain management self-efficacy scale for pediatric nurses

Bektas I et al

Progress in Health Sciences 15 (1) 14

New perspectives for optimizing fever and pain management in pediatrics: evidence supporting therapeutic awareness in clinical practice

Gian Luigi de'Angelis et al

Italian Journal of Pediatrics 51 (1) 1-14

Respiratory

Identifying common diagnostic biomarkers and therapeutic targets between COPD and sepsis: a bioinformatics and machine learning approach

Li X et al

International Journal of COPD 20 (1) 1761-1786

Early childhood respiratory morbidity according to gestational age at birth: a nationwide cohort study

Sompolinsky Y et al

Respiratory Medicine 236 (2025)

LUNAR: periodicity-aware time-series analysis framework for JUNg Auscultation Respiratory detection

Lee J et al

Computers in Biology and Medicine 197 (Oct) 110947

Nocturnal oximetry profile in hospitalized children with asthma exacerbation upon hospital discharge

Panagiotou P et al

Sleep Medicine 134 (Oct) 106668

Sleep Disorders

Sleep problems in childhood: understanding and addressing sleep disturbances in neurodevelopmental disorders

Weighall A, Horton C

Journal of Family & Child Health 2 (8) 348-354

The future of pediatric sleep medicine: a blueprint for advancing the field

Schlarb A et al



Journal of Sleep Research 34 (5) e14482

Prevalence and clinical impact of restless legs syndtom in pediatric populations with attention-deficit hyperactivity disorder: a systematic review

Ghayad T et al

Clocks and Sleep 7 (3) 50