



Paediatric & Child Health bulletin

October 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

A bibliometric study on research trends and characteristics of pediatric allergic conjunctivitis

Wu K et al

Journal of Asthma and Allergy 18 (2025) 1297

Immunoblotting analysis of fruit proteins in Mexican pediatric patients suggests the existence of new allergens

Torres-Arroyo A et al

Diseases 13 (9) 284

Thermal water inhalation for allergic rhinitis and recurrent respiratory infections: a narrative review of the evidence

Attilio V et al

Italian Journal of Pediatrics 51 (1) 1-15

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 Organization Journal 18 (9) methodology

Breastfeeding

Factors influencing exclusive breastfeeding during the postpartum period: a mixed-methods study

Marini G et al

Nutrients 17 (18) 2992



Monitoring the sustainability of a breastfeeding guideline during the Covid-19 pandemic: a mixed-methods study

Harillo-Acevedo D et al

Journal of Advanced Nursing 81 (10) 6924-6934

“Ineffective breastfeeding (00104)” and “Readiness for enhanced breastfeeding (00106)” : clinical validation

De Godoy N et al

International Journal of Nursing Knowledge 36 (4) 430-440

Identification of breastfeeding problems and the effect of educational breastfeeding support on the breastfeeding success

Tandicioglu U et al

Journal of Pediatric Research 12 (3) 128-133

Cardiology

Diagnosis reference levels in pediatric interventional cardiology: a multicenter study by the French cohort in HARMONIC project

Habib G et al

PLoS One 20 (9) e0332241

Pediatric extracorporeal membrane oxygenation: current perspectives and outcomes

Das S et al

Journal of Pediatric Critical Care 12 (5) 253

Postoperative arrhythmia in pediatric intensive care United Lincolnshire Hospitals NHS Trust

Shetty R et al

Journal of Pediatric Critical Care 12 (5) 265

The hidden regulators: MicroRNAs in pediatric heart development and disease

Kozik A et al

Journal of Clinical Medicine 14 (19) 6833

Dermatology

Communicating relative radiation doses for plain radiographs in pediatric dermatology



Goodman-Khan A et al
Pediatric Dermatology 42 (5) 1034-1036

Off-label treatment with miltefosine for complex, pediatric old World cutaneous leishmaniasis

Buhelt M et al
JAAD Case Reports 64 (2025) 26-29

Pediatric infectious skin conditions

Boll J et al
Primary Care Clinics in Office Practice 52 (3) 437-469

Genetic Diseases in Children

Clinical and genetic variant re-analysis among pediatric probands undergoing genetic testing for arrhythmia syndromes

Stephens S et al
Heart Rhythm 22 (10) e931-e938

Cystic Fibrosis

Goldfarb S et al
BMJ Best Practice 2025
Click on the link to access this document: <https://bestpractice.bmj.com/topics/en-gb/403>

Adenosine deaminase and interleukin-1 receptor antagonist genetic polymorphisms among obese children with versus without metabolic dysfunction-associated fatty liver disease

Sakhr H et al
Clinical and Experimental Pediatrics 68 (10) 808-818

Infectious diseases

Clinical features and sequelae of pediatric osteomyelitis following surgical treatment: a 10-yr retrospective study

Wu h et al
BMC Infectious Diseases 25 (1) clinical features

Recommendation for use of a long-acting monoclonal antibody to prevent respiratory syncytial virus infection in infants and young children

Soo-Han Choi et al
Clinical and Experimental Pediatrics 68 (1) 742-750



A cost-effectiveness analysis of the switch to 20-Valent pneumococcal conjugate vaccine from lower-valent pneumococcal conjugate vaccines in the French pediatric population

Fievez S et al

Infectious Diseases and Therapy 14 (9) 2171

The epidemiology and disease economic burden of osteoarticular tuberculosis in hospitalized children in China: a nationwide cross-sectional retrospective study

Liu Y et al

BMC Infectious Diseases 25 (1) osteoarticular tuberculosis

Neurology

Investigating the burden of cerebral palsy in low- and middle-income countries: implications and priorities for pediatric neurology

Valluri H et al

Seminars in Pediatric Neurology 55 (2025) 101225

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

Sarkaya E et al

Developmental Medicine and Child Neurology 67 (10) 1340-1353

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

Ogundiran O et al

Epilepsy and Behavior 171 (2025) 110614

Factors influencing the duration from the initiation of surgical evaluation to final intervention in pediatric epilepsy surgery

Ruba A et al

Annals of the Child Neurology Society 3 (3) 188-200

Nutrition

The effects of the Crohn's Disease Exclusion Diet (CDED) alone versus CPED plus partial enteral nutritional (PEN) on Gut Microbiome Composition in Pediatric CD patients

Pejman Rohani et al

Microbiology Open 14 (5) e70099



Concurrent and predictive validity of nutritional screening tools in hospitalized pediatric patients: protocol for a single-center, prospective, observational study

Maria Camila Arbelaez Grajales et al
Clinical Nutrition Open Science 63 (2025) 192-200

Role of the Pediatric RDN in conducting the pediatric nutrition focused physical exam: training, clinical practice, documentation and barriers

Abad-Jorge A et al
Journal of the Academy of Nutrition and Dietetics 125 (10) A29

Personalized nutrition in pediatric chronic diseases

Escobedo-Monge M et al
Metabolites 15 (10) 653

Teaching kitchen experience in a pediatric weight management clinic to increase nutrition knowledge and confidence

Palmer W et al
Journal of the Academy of Nutrition & Dietetics 125 (10) A61

Pain and Paediatrics

“My child needs a chance and a choice to talk about their pain”: Parents’ experiences and perspectives of pain communication in paediatric rheumatology

Lee R et al
Patient Education and Counseling 138 (2025) 109223

Adoption and evaluation of mobile gaming applications for pain management in paediatric oncology: a culturally contextualised TAM-based framework and mixed-methods pilot study in Saudi Arabia

Samah A et al
Annals of Computer Science and Information Systems 43 (2025) 73-86

Diagnostic value of ultrasound in pediatric acute abdominal pain: a cross-sectional study from a tertiary center in Southern Iran

Kavari M et al
BMC Pediatric 25 (1) 1-7

Appendicolith is associated with protracted abdominal pain and a high risk of appendicular perforation in pediatric appendicitis

Rahul Gupta
Journal of Indian Association of Pediatric Surgeons 30 (5) 600-610



Respiratory

Point of care lung ultrasound to differentiate bacterial and viral lower respiratory tract infections in pediatric age: a multicenter prospective observational study

Morello R et al

Scientific Reports 15 (1) 1-12

Modelling and simulation of the pediatric respiratory system with endotracheal tube during pressure-controlled ventilation

Bourti M et al

Medical Devices Evidence and Research 18 (1) 461-475

Human Bocavirus respiratory infections in a paediatric intensive care unit – a potential healthcare-associated pathogen

Mitra S et al

Indian Journal of Medical Microbiology 57 (Oct) 100950

Impact of point-of-care PCR testing on antibiotic prescribing in pediatric outpatients with acute respiratory infections: a randomized clinical trial

Li Y et al

Journal of Infection and Public Health 18 (9) 102847

Sleep Disorders

A closer look at paediatric sleep: sleep health and sleep behavioural disorders in children and adolescent

Menro D et al

Journal of Sleep Research 34 (5) e70078

Early surgery reduces psychiatric and learning disorder risk in pediatric sleep-disordered breathing

Campbell D et al

The Laryngoscope (2025) 1-10

The future of paediatric obstructive sleep apnoea assessment: integrating artificial intelligence, biomarkers and more

Ohn M et al

Paediatric Respiratory Reviews 55 (2025) 68-74



Urology

Managing gynecological issues in pediatric urology patients

Rangasamy A et al

Indian Journal of Urology 41 (4) 245-242

Use of incisional negative pressure wound therapy in reconstructive pediatric and young adult urology to reduce surgical site occurrences: a pilot study

Harris K et al

Journal of Pediatric Urology 21 (5) 1306-1312

A single center, pilot study to compare the efficacy of an instructional male genital exam video prior to no education in the quality of telemedicine consultations in pediatric urology

Qadar A et al

Journal of Pediatric Urology 21 (5) 1261-1266

Laparoscopy in paediatric urology: from inception to innovation – a comprehensive review

Kumari S et al

Annals of Medicine & Surgery 2025 ahead of print laparoscopy