



# Paediatric & Child Health bulletin

## May 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

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

Lin X et al

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

#### **A guide to Pediatric Antibiotic Allergy Testing: a report from the US Drug Allergy Registry**

Accarino J et al

Journal of Allergy & Clinical Immunology in Practice 13 (5) 1018-1026

#### **The burden of cow's milk protein allergy in the pediatric age: a systematic review of costs and challenges**

Nocerino R et al

Healthcare 13 (8) cows milk protein allergy

#### **Outcomes of pediatric patients with suspected allergies to Covid-19 vaccines**

Qin Ying Lim et al

Journal of Allergy & Clinical Immunology 4 (1) 100387

#### **Investigation of gut microbiota in pediatric patients with peanut allergy in outpatient settings**

Shouming L et al

Pediatrics 13 (2025) gut microbiota

### Breastfeeding



**Feeding behaviors in infants and toddlers later diagnosed with Autism Spectrum Disorder: a systematic review**

Campbell A et al

Journal of Autism and Development Disorders 55 (5) 1788-1808

**Possible factors affecting breast milk feeding status of preterm infants monitored in the neonatal intensive care unit**

Yakar F et al

Turkish Archives of Pediatrics 60 (3) 280-288

**Psychometric properties of the Turkish version of the neonatal-eating assessment tool-breastfeeding (NeoEAT-Breastfeeding)**

Gozen D et al

BMC Nursing 24 (1) psychometric properties

**Non-exclusive breastfeeding is associated with pneumonia and asthma in under-five children: an umbrella review of systematic review and meta-analysis**

Abate B et al

International Breastfeeding Journal 20 (1) non-exclusive breastfeeding

**The relationship of early expressed milk quantity and later full breastmilk feeding after very preterm birth: a cohort study**

Maternal & Child Nutrition 21 (1) 1-12

**Cardiology**

**Current trends in pediatric cardiac surgery and their impact on intensive care**

Das D et al

Journal of Pediatric Critical Care 12 (1) 20-28

**Evaluation of heart murmurs in paediatrics: a lost skill in the era of echocardiography?**

Ogunlana T et al

Paediatrics & Child Health 35 (20) 53-56

**Left ventricular fibromas in pediatric patients: a case series and review of the literature**

Zhou C et al

Journal of Cardiothoracic Surgery 20 (1) 180



**Surgical timing and mortality in nonsevere paediatric congenital heart disease: a EUROLinkCAT cohort analysis across Europe**

Damkjaer M et al

Progress in Pediatric Cardiology 77 (2025) surgical timing

**Artificial intelligence in pediatric electrocardiography: a comprehensive review**

Leone D et al

Children 12 (1) artificial intelligence

**Dermatology**

**Stigma underlies the mental health burden of pediatric atopic dermatitis: a cohort study**

Phan S et al

Journal of the American Academy of Dermatology 92 (5) 1088-1091

**The importance of dermatological detection of xanthomas and xanthelasmas in pediatric patients: a literature review**

Morales J et al

JAAD Reviews 4 (June) 149-155

**Baricitinib and oral minoxidil for the treatment of alopecia areata in pediatric patients**

Valido K et al

Journal of the American Academy of Dermatology early online baricitinib

**Detangling Ichthyosis**

Sanjeev G et al

Indian Journal of Paediatric Dermatology 26 (1) 47-51

**Genetic Diseases in Children**

**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 medicine**

Kansal R

Children 12 (4) 429

**Treatment of Netherton Syndrome in pediatrics with upadacitinib**

Cuicui S et al

Alternative Therapies in Health & Medicine 31 (1) 266-269



**Assessment of cystic fibrosis related liver disease in a pediatric cohort**

Vicente-Santamaria S et al

Gastroenterologia 48 (5) assessment of cystic fibrosis

**Infectious diseases**

**Clinical pharmacists' interventions about drug therapy problems and its acceptability by prescribers among pediatric hospitalized patients with infectious diseases in resource-limited settings**

Moges T et al

BMC Infectious Diseases 25 (1) 1-13

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

Eun B

Child Health Nursing Research 31 (2) 79-84

**The interplay between nutrition and microbiota and the role of probiotics and symbiotics in pediatric infectious diseases**

Slocher-Barrio M et al

Nutrients 17 (7) 1222

**Parvovirus B19 infection in children: a comprehensive review of clinical manifestations and management**

Bloise S et al

Italian Journal of Pediatrics 50 (1) parvovirus B19 infection

**Neurology**

**Pediatric palliative care education in child neurology residency: a national needs assessment**

Lin G et al

Pediatric Neurology 165 (2025) 60-67

**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



**Brain imaging in children referred to pediatric neurology out-patients with headache**

Sari E et al

Jornal de Pediatria 101 (3) 356-361

**Paediatric neurology in Ukraine: a call for help**

Nechai A et al

Lancet Neurology 24 (4) 287-288

**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 and Dietetics 125 (3) 348-365

**Early versus late enteral nutrition in the pediatric critically-ill trauma patient: a retrospective cohort study**

Fastag E et al

Journal of Pediatric Surgery 60 (4) 162189

**Nutrition provision in pediatric extracorporeal membrane oxygenation: evidence, challenges and clinical considerations**

Mansour M et al

Nutrients 19 (9) 1553

**Improving diet quality and nutrient intake in pediatric cystic fibrosis patients: the role of nutrition education**

Pehlivan M et al

Nutrition 133 (2025) 112694

**Pain and Paediatrics**

**Effects of resilience training for mothers on maternal resilience and children's pain in pediatric burn unit in a randomized controlled trial**

Hosseini F et al

Scientific Reports 15 (2025) 17136

**Using multi-site research results to impact local pediatric pain evidence based practice: innovations and outcomes**

Bohr N et al



Worldviews on Evidence-Based Nursing 22 (2) 1-7

## **Preterm/Neonatal**

### **Treatment of neonatal hypophosphataemia**

Bennett S

Journal of Prescribing Practice 7 (5) 196

### **Effect of intermittent hypoxemia and hyperoxemia during the neonatal period on control of breathing function among infants born extremely preterm**

Claire N et al

Journal of Pediatrics 281 (Jun) 114542

### **The effects of infant massage therapy on preterm neonatal outcomes: a clinical trial**

Weerakul J et al

International Journal of Pediatrics 2025 infant massage

### **Effectiveness of oral stimulation on feeding performance among preterm babies admitted in neonatal intensive care unit**

Arunachalam V et al

Journal of the Scientific Society 52 (1) 67

### **Transforming neonatal nursing: a randomized controlled trial comparing kangaroo care and standard protocols for survival in preterm infants with respiratory distress syndrome**

Ramadan O et al

BMC Nursing 24 (1) transforming neonatal nursing

## **Professional/Education Issues**

## **Respiratory**

### **Advances in the diagnosis and management of pediatric Acute Respiratory Distress Syndrome: an overview of PALICC-2 Guidelines**

Su C et al

Pediatric Respiratory & Critical Care Medicine 9 (1) 7



**Unintended impacts of Covid-19 on the epidemiology and burden of paediatric respiratory infections**

Burrell R et al

Paediatric Respiratory Review 53 (2025) 3-13

**Clinical diagnostic value of throat swabs in pediatric acute lower respiratory tract infections using targeted next-generation sequencing**

Lian D et al

BMC Pediatrics 25 (1) clinical diagnostic value

**MiR-629-5p May serve as a biomarker for pediatric acute respiratory distress syndrome and can regulate the inflammatory response**

Zhan C et al

Pediatrics & Neonatology 66 (3) 254-260

**Implementing symptom-based predictive models for early diagnosis of pediatric respiratory viral infections**

Soriano-Arandes A et al

Viruses 17 (4) 546

**Sleep/Sleep Disorders**

**Should you let your baby cry at night? The “no” rumor persists despite insufficient scientific evidence with cortisol-stress measures**

Lecuelle F et al

Sleep Health 11 (2) 127-139

**The need for pediatric sleep education to enhance healthcare for children and adolescents: a global perspective from a survey of members of the international pediatric sleep association**

Spruyt K et al

Sleep Medicine 126 (2025) 314-318

**Optimizing Attention and Sleep Intervention Study (OASIS): a protocol for a pilot randomized controlled trial to compare parent behavioural interventions with and without sleep strategies delivered in pediatric primary care for preschool-aged children at risk of childhood ADHD**

Joseph H et al

Pilot and Feasibility Studies 11 (2025) 22

**Are you asleep? Comparing sleep metrics in pediatric cardiac patients with objective and subjective indicators**



Duncan N et al  
Progress in Pediatric Cardiology 77 (Jun) 101758

## **Urology**

### **Overview of microlithiasis in infancy in pediatric urology**

Turan H et al  
Journal of Pediatric Research 12 (1) 27-30

### **Characteristics of pediatric urology patients with same-day surgery cancellations: who is at risk?**

Mendez M et L  
Journal of Surgical Research 308 (2025) 257-263

### **Whats new in paediatric urology? Crossroads of pediatric surgery and adult urology**

Kiarash T et al  
Therapeutic Advances in Urology 17 (2025) whats new

### **Intravesical foreign bodies in pediatric: a case report highlighting the critical role of psychosocial assessment and intervention**

Frincia Bunga Rante Allo et al  
Urology Case Reports 59 (2025) 102979