



# Paediatric & Child Health bulletin

## December 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

**Assessment of fecal tumor necrosis factor alpha (TNF- $\alpha$ ) in infants with non-IgE mediated cow's milk protein allergy: a case-control study**

Nehal Abdelhamid et al

Egyptian Pediatric Association Gazette 73 (1) 1-7

**Accelerated hymenoptera testing in pediatric patients**

Brunner E et al

Journal of Allergy & Clinical Immunology 4 (4) 100570

**Nutritional therapy in pediatric allergic bowel disease**

Hoffmann N et al

Gastroenterology Clinics of North America 54 (4) 907-916

**A study on parental corticophobia in pediatric allergic diseases**

Alkaya H et al

Medicina 61 (11) 1959

### Breastfeeding

**A descriptive qualitative study of breastfeeding challenges, enablers and confidence among women with hypertensive disorders of pregnancy**

Semenic S et al

Journal of Human Lactation 41 (4) 554-565



**Childhood and prenatal stressors shape breastfeeding behavior in individuals with opioid use disorder: a prospective investigation of stress effects**

Linde-Krieger L et al

Breastfeeding Medicine 20 (11) 849-857

**Associations of ever breastfeeding with risk of all-cause and cardiovascular disease mortality among women with and without diabetes: a cohort study**

Zhou W et al

International Breastfeeding Journal 20 (1) 1-11

**Cardiology**

**What we give: Reflections from the heart of pediatric cardiology**

Fredman E

JACC 86 (19) 1752-1753

**Identification of priority practice stress for evidence-based care in congenital heart disease: an exploratory survey of non-medical healthcare professionals affiliated with the Italian Society of Pediatric Cardiology**

Magon A et al

International Journal of Cardiology Congenital Heart Disease 22 (Dec) 100616

**Dermatology**

**Advancing pediatric teledermatology: Trends, Barriers and Innovations in Access and Equity (2020-2024)**

Renteria J et al

Pediatric Dermatology 42 (6) 1133-1141

**Characteristics of scabies patients in pediatric population at Dermatology and Venereology Polyclinic**

Nandya Dwizella et al

Periodical of Dermatology and Venerology 37 (3) 163-16

**Clinical characteristics, treatment outcomes and prognostic factors of ulcerated infantile hemangioma: 15 years of experience from a pediatric dermatology center in Hong Kong**

Ashleigh Ka Ying Chu et al

Journal of Dermatological Treatment 36 (1) clinical characteristics



**Differences between allergy and dermatology in referral, evaluation and management patterns for pediatric patients with atopic dermatitis**

Edmonds N et al

Journal of Dermatological Treatment 36 (1) differences

**Genetic Diseases in Children**

**New genomic technologies and their application in pediatric care**

Heine Sunder D et al

Anales De Pediatria 103 (5) 503899

**Rare genetic variants underlying primary immunodeficiency: clinical, pulmonary and genetic insights from two pediatric cases**

Sikhayeva N et al

Genes 16 (11) rare genetic variances

**Rapid genome sequencing in neonatal and pediatric intensive care units: evidence and current situation**

Pacio Miguez, M et al

Anales de Pediatria 103 (5) 503956

**Infectious diseases**

**Digital twins in pediatric infectious diseases: virtual models for personalised management**

Esposito S et al

Journal of Personalized Medicine 15 (11) 514

**Age-stratified clinical and microbiological profiles in pediatric infectious disease admissions: implications for risk prediction and antimicrobial stewardship**

Singer C et al

Pharmaceutics 17 (11) 1472

**Design of a new tool for the assessment of pediatric infectious diseases fellow competencies**

L'Etoile N et al

Academic Pediatrics 25 (8) 90

**Association between paediatric antibiotic prescribing and socioeconomic deprivation: insights from a pilot project in West Yorkshire, United Kingdom**



Otu A et al  
Discover Public Health 22 (1) 1-12

## Neurology

### **The real-world evaluation of remote electrical neuromodulation in pediatric migraines a preliminary study**

Blumovich A et al  
Children 12 (11) 1500

### **Landscape of advanced practice provider responsibilities in pediatric neurology**

Stillman C et al  
Annals of the Child Neurology Society 3 (4) 292-298

### **Patient and caregiver perspectives on the transition from pediatric to adult neurology care: a single-site qualitative study**

Fonseca L et al  
Pediatric Neurology 172 (2025) 146-152

### **Therapeutic potential of stem cells in pediatric neurology: insights from clinical trials**

Daniel Bou Najm et al  
Neuroprotection 3 (4) 303-321

## Nutrition

### **Pediatric enteral nutrition after hospital discharge: a systematic review and toolbox for clinical practice**

Steenbeegen E et al  
Clinical Nutrition 54 (2025) 191-201

### **Formula Roulette: the advancements in pediatric nutrition**

Puri K et al  
Gastroenterology Clinics of North America 54 (4) 715-730

### **Improving nutrition in pediatric heart failure**

Oliver S et al  
JHLT Open 10 (2025) improving nutrition



**Effects of modified Crohn's Disease exclusion diet as adjunctive therapy on clinical remission and nutrition in pediatric Crohn's Disease: a real-world study from China**

Dongdan L et al  
Children 12 (11) 1479

**Innovative approaches in the design of Flavonoid-based functional foods for pediatric nutrition**

Deaza-Fernandez M et al  
Applied Food Research 5 (2) innovative approaches

**Gastrointestinal tolerance, healthcare resource utilization, and cost analysis of whey peptide-based enteral formula in pediatric post-acute care: a retrospective study**

Sankararaman S et al  
Clinical Nutrition ESPEN 70 (2025) 352-359

**Pain and Paediatrics**

**Home use of nonpharmacologic interventions for fracture pain after pediatric emergency department discharge**

Wiersma A et al  
Journal of Emergency Medicine 78 (2025) 202-213

**Effectiveness of topical ajwain oil in reducing pain during local anaesthesia administration in paediatric dental patients: a randomized controlled trial**

Takuli A et al  
Journal of Oral Biology and Craniofacial Research 15 (6) 1454-1459

**Pediatric pain and anxiety management in the trauma setting**

Stewart D et al  
Emergency Medicine Clinics of North America 43 (4) 553-566

**Intranasal diclofenac sodium, ibuprofen and paracetamol for pain relief after pediatric tonsillectomy**

Yenigun A et al  
International Journal of Pediatric Otorhinolaryngology 198 (2025) intranasal

**Respiratory**

**The top 100 most cited articles on pediatric respiratory syncytial virus pneumonia over the last 30 years: a bibliometric analysis**



Fei Luo et al  
Tropical Medicine and Health 53 (1) 1-13

**Lung ultrasound in pediatrics: a review with core principles that every user should know**

Foutzizi S et al  
Diagnostics 17 (21) 2782

**Jinzhen oral liquid in pediatric respiratory diseases: multi-target mechanisms, quality control, and clinical translation**

Xiao X et al  
Phytomedicine Plus 5 (4) Jinzhen oral liquid

**Impact of real-time, on-demand influenza and respiratory syncytial virus testing at point-of-care on antibiotic prescribing and clinical outcome in pediatric outpatients with acute respiratory illness: a prospective, quasi-randomized controlled study**

Xie Y et al  
Influenza and Other Respiratory Viruses 20 (1) 70205

**Urology**

**The European Reference Network eUROGEN, an interview by the Journal of Pediatric Urology**

Feitz W et al  
Journal of Pediatric Urology 21 (6) 1589-1594

**Evaluation of ChatGPT's performance on answering pediatric urology questions based on associations guidelines**

MacNevin W et al  
Canadian Urological Association Journal 19 (11) E362-E367

**Simulation-based education of the male infant genitourinary physical exam and management of undescended testis**

Bortnick E et al  
Journal of Pediatric Urology 21 (6) 1636-1642

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

Kumari S et al  
Annals of Medicine & Surgery 87 (12) 8572-8577