



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- α) 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

Nandy 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 Pediatría 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 Pediatría 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

Steenbegeen 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

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

Xiao X et al
Phytomedicine Plus 5 (4) Jinzen 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