



Paediatric & Child Health bulletin

March 2026

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

Current practices of topical and systematic novel molecular-targeted therapies for pediatric atopic dermatitis in Japan: a nationwide survey of physicians providing pediatric allergy care

Yamamoto-Hanada K et al
Asia Pacific Allergy epub 2026 current practices

Penicillin allergy delabeling in pediatric patients: a residential-led quality improvement initiative

Gueniot C et al
American Journal of the Medical Sciences 371 (2026) S356-S357

Predicting outcomes of hazelnut oral food challenge: a pediatric cohort analysis

Breiding M et al
Journal of Allergy and Clinical Immunology 2026 (Feb) predicting outcomes

Breastfeeding

Diagnosing breastfeeding difficulties: Where do we stand

Galante L et al
Maternal and Child Nutrition 22 (1) e70153

Exploring the experiences and challenges of breastfeeding beyond 2 years in the United Kingdom: a qualitative study



Morgan J et al
Maternal & Child Nutrition 22 (1) e70072

Development and validation of breastfeeding knowledge test for women with gestational diabetes mellitus

Hong, J et al
Diabetology 7 (2) 36

Toward authentic resources among mothers: impact of cyberchondria on maternal self-efficacy and breastfeeding competency

Amin S et al
Material & Child Nutrition 22 (1) e70166

Cardiology

Patient exposure in paediatric interventional cardiology: a multicenter inter-comparison of clinical practices in Italy

De Monte F et al
Physica Medica 143 (Mar) 105754

Duration of emergency medical services-initiated prehospital cardiopulmonary resuscitation efforts and survival for pediatric patients with out-of-hospital cardiac arrest

Okubo M et al
Resuscitation 2026 (Feb) duration

Predicting reintubation in postoperative pediatric cardiac surgery: a machine learning approach

Harish S et al
Annals of Cardiac Anaesthesia 29 (1) 72

The association between early arterial oxygen and carbon dioxide with neurologic outcomes after pediatric ECPR in children with cardiac disease

Yu P et al
Resuscitation 2026 (Jan)

Dermatology

Trends in pediatric representation within skin of color dermatology literature: a decade-long analysis

Fagan E et al



Pediatric Dermatology 43 (1) 95-97

The Koolungar (children) Mooditj (strong) Healthy Skin Project Part 1: conducting First Nations research in pediatric dermatology

Ricciardo B et al

Pediatric Dermatology 43 (1) 20-25

Characteristics of youth utilizing pediatric dermatology: a cross-sectional PEDSnet study

Thapar M et al

Journal of the American Academy of Dermatology 94 (3) 950-953

Introducing the 'Pediatric Dermatology Corner'

Piccolo V et al

Dermatology Practical & Conceptual 16 (1) pediatric dermatology corner

Implementing artificial intelligence in pediatric dermatology: balancing innovation and privacy when consent is revoked

Alani O et al

Journal of the American Academy of Dermatology 94 (3) 1056-1057

Infectious diseases

The era of 'infectious diseases+' has arrived: multi-disciplinary integration in pediatric infectious disease prevention and control

Dechuan Kong et al

Frontiers in Pediatrics 14 (2026) the era of infectious diseases+

Invasive methicillin-susceptible and methicillin-resistant staphylococcus aureus infections in the pediatric population: prevalence and management outcomes

Binkhamis K et al

Saudi Medical Journal 47 (1) 47

Impact of metagenomic next-generation sequencing on antibiotic management in pediatric patients

Gonzalez et al

Medicina 62 (3) impact

Neurology



The Digital Diagnostic Odyssey: artificial intelligence and social media crowdsourcing amid pediatric neurology access gaps

Smith A et al

Annals of the Child Neurology Society 4 (10) 12-14

Editorial: New insights into pediatric neurology: neurological disorders and epileptic encephalopies

Frontiers in Neurology 17 (2026) new insights

Centromedian nucleus targeting in the pediatric population treated with thalamic responsive neurostimulation for drug-resistant epilepsy

Bercu M et al

Epilepsia Open 11 (1) 322-331

A multi-feature for real-time seizure detection in pediatric intensive care unit

Tian Sang et al

Epilepsia Open 11 (1) 112-122

Artificial intelligence in pediatric stroke: an ally in screening?

Ojeda-Velazquez I et al

European Journal of Paediatric Neurology 61 (2026) 8-14

Nutrition

Pediatric clinicians' guide to nutrition and growth in children with Sickle Cell Disease

Klein L et al

Pediatric Clinics of North America 73 (1) 173-190

Opportunities, challenges and ethical implications of online pediatric nutrition consultation: nursing perspective

Ling-ling M et al

Frontiers in Pediatrics 14 (2026) opportunities

Prioritising nutrition alongside paediatric obesity management medications

Ruggiero C et al

Lancet Diabetes & Endocrinology 14 (3) 194-196

A scoping review of the clinical outcomes and use of blenderized tube feeds and commercial food-based formulas in pediatrics

Ramuscak A et al



Clinical Nutrition ESPEN 71 (Feb) 102845

Pain and Paediatrics

[Translated article] Ethical approach to pain management in pediatric patients in a terminal situation: a systematic review

Casanova-Martinez C et al
Farmacia Hospitalaria 50 (2) T128-T135

Efficacy of topical anesthetic cream, cold angiocath and their combination on pain and fear during pediatric oncology venipuncture: a double-blind randomized controlled trial

Borzoe F et al
European Journal of Oncology Nursing 80 (Feb) efficacy

Comparing ethyl chloride and 10% lignocaine spray for pediatric intravenous cannulation pain relief

Susmitha V et al
Clinical & Experimental Pediatrics 69 (1) 65-72

Respiratory

Failure to wean: predictors and adverse outcomes associated with pediatric postextubation noninvasive respiratory support

Abu-Sultaneh S et al
Journal of Pediatrics 290 (Mar) failure to wean

Acute respiratory distress syndrome in the pediatric patient

Reyes-Dominguez S et al
Medicina Intensiva 50 (2) 502350

Prognostic significance of serum apelin-13 and galectin-3 concentrations as potential indicators of severity and mortality in pediatric acute respiratory distress syndrome

Sercin T et al
Turkish Journal of Pediatrics 68 (1) 68-78

Real-world effectiveness of nirsevimab against respiratory syncytial virus in pediatric practice: the Piemonitorab study

Funciello E et al
Italian Journal of Pediatrics 52 (1) real world effectiveness



Integrated multiplex PCR and metatranscriptomics reveal upper-lower airway microbial landscapes in pediatric respiratory infections

Wei P et al

Virologica Sinica 41 (1) 58-69

Sleep Disorders

Testing the acceptability of an infographic to promote pediatric obstructive sleep apnea detection

Binion K et al

Sleep Health 12 (2) 256-264

Multidimensional association of sleep health with dietary habits and physical activity in adolescents

Ballester-Navarro P et al

Sleep Health 12 (2) 283-296

Sleep disturbances in children and adolescents with epilepsy: clinical, polysomnographic and management aspects

El Halal C et al

Sleep Medicine 140 (Apr) 108794

Validation of transcutaneous CO2 measurement in awake children undergoing sleep studies

Mariani A et al

Sleep Medicine 140 (Apr) 108816

Urology

Evaluating a collaborative care model for inguinal surgery in pediatric urology

Wiseman B et al

Urology 2026 (Mar) epub evaluating

Current antibiotic use in paediatric urology in the UK: a survey-based study

Corbett H et al

Journal of Pediatric Surgery Open 13 (2026) 100247

A potpourri of pediatric urology

Kieran K



Journal of Pediatric Urology 22 (1) a potpourri

My early tryst with pediatric urology as a Pediatric Surgery MCh Resident

Harchandani R et al

Journal of Indian Association of Pediatric Surgeons 31 (1) 138-139