Paediatric & Child Health bulletin

August 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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New ebook:
Dixon and Stein's encounters with children : pediatric behavior and development / [electronic resource]
Radesky, Jenny S [ed.]
Click on the link above to access the book using your OpenAthens account.

Allergies
Current management of food allergies in pediatric patients Ha A et al Advances in Pediatrics 72 (1) 283-294 10.1016/j.yapd.2025.12.003
Microneedles for allergy skin testing: comprehensive analysis of agreement, accuracy and pain Sirichuwong M et al Journal of Allergy and Clinical Immunology 5 (5) 100765 10.1016/j.jacig.2026.100765
Comparative evaluation of seven severity grading systems in pediatric oral food challenged: distinctions between anaphylactic and non-anaphylactic reactions Akin T et al World Allergy Organization Journal 19 (8) 101433 10.1016/j.waojou.2026.101433
Prevalence and clinical picture of wheat allergy in children: two observational studies in Germany

Ka\lb B et al
Journal of Allergy and Clinical Immunology 14 (8) 1860-1868
10.1016/j.jaip.2026.04.009

Breastfeeding

Ambivalent sexism and opposition toward public breastfeeding
Jedinger A et al
Journal of Social Psychology 166 (5) 601-613
10.1080/00224545.2025.2523279

Exploring the impact of infant feeding patters on the psychological well-being of adolescent mothers
Yas A et al
Journal of Reproductive & Infant Psychology 44 (5) 1424-1439
10.1080/02646838.2024.2437648

Postpartum psychotropic treatment patterns and breastfeeding: nationwide clustering study
Hviid A et al
Pharmacoepidemiology & Drug Safety 35 (9) e70470
10.1002/pds.70470

Mothers experiences of unwanted early cessation of breastfeeding: a scoping review
Mahon J et al
International Breastfeeding Journal 32 (1) 77
10.1186/s13006-026-00883-0

Cardiology

The efficacy and safety of weighted blankets to reduce agitation after cardiac catheterization and electrophysiology procedures in pediatric patients with congenital heart disease
Zampi J et al
Journal of Cardiothoracic and Vascular Anesthesia 40 (9) 2699-2706
10.1053/j.jvca.2026.06.018 1053-0

Contemporary pediatric hypertension: a practical state-of-the-art approach to diagnosis, risk stratification, management, and lifelong cardiovascular care

Das Bibhuti Progress in Pediatric Cardiology 84 (Oct) 10.1016/j.ppedcard.2026.101974
Antibiotic prophylaxis for congenital cardiac catheterizations: lessons learned from the Pediatric Health Information System Issa B et al JACC Advances 5 (8) 102969 10.1016/j.jacadv.2026.102969
Decline in rescue breathing and its outcomes in pediatric out-of-hospital cardiac arrest due to drowning: a nationwide study 2012-1023 Obara T et al Resuscitation 225 (2026) 111049 10.1016/j.resuscitation.2026.111049
Dermatology
Telemedicine and access to pediatric dermatology care Everdell E et al Pediatric Clinics of North America 73 (4) 867-882 10.1016/j.pcl.2026.03.008
Controversies in increasing the pipeline for pediatric dermatology. Oudenhoven M et al Pediatric Clinics of North America 73 (4) 817-831 10.1016/j.pcl.2026.03.005
No child left behind: advancing access in pediatric dermatology, a 4-year single-center experience. Chaoui N et al Pediatric Clinics of North America 73 (4) 883-890 10.1016/j.pcl.2026.03.007
Inpatient pediatric dermatology consultation cases: what constitutes a 'dermatology emergency?' Araya A et al Pediatric Clinics of North America 73 (4) 789-806 10.1016/j.pcl.2026.03.002
Diabetes – Paediatric Type 1/Type 2/MODY

Body composition of children with Type 1 diabetes: a 20 year single-center comparative study
Halvadylyan B et al
Children 13 (7) 944
10.3390/children13070944

Prevalence and correlates of sleep problems in children and adolescents with Type 1 diabetes: a cross sectional study
Alqahtani Y et al
Metabolic Syndrome and Obesity 19 (14) 525998
10.2147/DMSO.S525998

Continuous glucose monitoring in children and adolescents with Type 2 diabetes: a narrative review
O'Brien C et al
Journal of Paediatrics & Child Health 2026 (Aug) 1-10
10.1111/jpc.70525

The association among vitamin D and lipids in pediatric population with type 1 diabetes
Salman A et al
University of Thi-Qar Journal of Science 13 (1) 116-120
10.32792/utq/utjsci/v13i1.1576

Emotion regulation, fear of hypoglycaemia and diabetes distress in parents of children with Type 1 diabetes
Viera A et al
Behavioral Sciences 16 (6) 942
10.3390/bs16060942

Classification of GCK-MODY in a child with mild hyperglycaemia and islet autoantibody positivity: a diagnostic challenge
Yarlagadda A et al
JCEM Case Reports 4 (6) 1-4
10.1210/jcemcr/luag101

Treatment options for patients with Maturity-Onset Diabetes of the Young (MODY): a systematic review of literature: 2026 update
Zagaroli L et al
Diabetes Therapy 17 (7) 959-983
10.1007/s13300-026-01884-2

Infectious diseases

Chickenpox (varicella)
Chickenpox (varicella) is a highly contagious infection caused by the varicella-zoster virus, primarily affecting children. It typically presents with fever and a characteristic vesicular rash and is spread through respiratory droplets and direct contact with lesions.
Perry M
Journal of Family & Child Health 3 (7) 271-274
10.12968/jfch.2026.0055

Autochthonous arbovirus infections in children in Europe 2007-2024: a systematic review od the Italian Society of Pediatric Infectious Disease
Zama D et al
Global Pediatrics 17 (2026) 100356
10.1016/j.gpeds.2026.100356

Assessment of immunization levels in children with chronic diseases in a tertiary hospital
Ersoy M et al
Vaccines 14 (8) 704
10.3390/vaccines14080704

Infection-associated pediatric acute-onset neuropsychiatric syndrome: a review of immunological mechanisms, clinical phenotypes and therapeutic strategies
Lim E et al
Infectious Disease Reports 18 (4) 69
10.3390/idr18040069

Infectious complications of war-related injuries in children: experience from the Gaza conflict
Herbert R et al
International Journal of Infectious Diseases 170 (2026) 108882
10.1016/j.ijid.2026.108882

Neurology

Value-based care for acute pediatric seizure management: operational models, quality metrics, barriers and financial strategy
Lustig M
Pediatric Neurology 181 (Aug) 101-106
10.1016/j.pediatrneurol.2026.05.019

Age dependent diagnostic performance of mid-upper arm circumference Z-score in pediatric neurology: a multicenter study with a cerebral palsy subgroup
Dilber B et al
Clinical Nutrition ESPEN 74 (Aug) 103388
10.1016/j.clnesp.2026.103388

Nanotechnology in pediatric neurology: applications and innovations
Teleanu R et al
Pharmaceutics 18 (8) 999
10.3390/pharmaceutics18080999

Methodological quality of clinical practice guidelines for the diagnosis of simple febrile seizures in children: a systematic review using the Appraisal of Guidelines for Research and Evaluation II Instrument
Amer Y et al
Pediatric Neurology 181 (2026) 12-22
10.1016/j.pediatrneurol.2026.04.017

Evaluation of EEG findings in pediatric patients presenting with dizziness
Taskin A et al
International Journal of Pediatric Otorhinolaryngology 208 (2026) 112934
10.1016/j.ijporl.2026.112934

Nutrition

Optimizing early life nutrition: an EPA-UNEPSA overview for general pediatricians on essential nutrients and feeding practices during the first 1000 days
De Bernardo G et al
Global Pediatrics 17 (2026) 100364
10.1016/j.gpeds.2026.100364

Riboflavin and the pediatric gut-brain axis: interplay between diet and microbiota with emerging probiotic applications
Isotti M et al
Global Pediatrics 17 (2026) 100362
10.1016/j.gpeds.2026.100362

The hierarchy of copper status in paediatric enteral tube feeding: a comparative retrospective cohort study of jejunal and gastric feeding
Cairney D et al
Clinical Nutrition 64 (2026) 106721
10.1016/j.clnu.2026.106721

Nutrition considerations in youth with Type 2 diabetes using Glocagon-like Peptide-1 receptor agonist: a commentary
Daz M et al
Journal of the Academy of Nutrition and Dietetics 126 (8) 156317
10.1016/j.jand.2026.156317

Development and validation of an intelligent weight verification management system for neonatal ready-to-use parental nutrition infusions
Tang X et al
PLoS One 21 (8) e0351932
10.1371/journal.pone.0351932

A scoping review of direct-to-consumer nutrigenetic testing: mapping genes and associated nutrition recommendations
McCartney C et al
Advances in Nutrition 17 (8) 100687
10.1016/j.advnut.2026.100687

Pain and Paediatrics

Pain management across special populations: pediatrics, geriatrics and pregnancy
Poliak-Tunis M et al
Physical Medicine & Rehabilitation Clinics of North America 37 (3) 521-536#
10.1016/j.pmr.2026.03.012

Postoperative pain and wound healing following pediatric oral soft-tissue surgery: a network meta-analysis
Kaur K et al
Journal of Cranio-Maxillo-Facial Surgery 54 (9) 104628
10.1016/j.jcms.2026.104628

Peppermint oil and sweets in pediatric irritable bowel syndrome and functional abdominal pain: a randomized trial
Vermeijden n et al
Clinical Gastroenterology and Hepatology 24 (8) 2286-2296
10.1016/j.cgh.2026.01.014

Respiratory

Artificial intelligence in paediatric respiratory medicine
Lawton A et al
Paediatric Respiratory 59 (2025) 44-49

10.1016/j.prrv.2025.10.001

Post-pandemic forecasting of pediatric acute respiratory infections with deep learning: a multi-pathogen, multi-time-horizon study
Cheng A et al
International Journal of Infectious Diseases 170 (2026) 108889
10.1016/j.ijid.2026.108889

Postoperative respiratory support requirements after pediatric airway foreign body removal: an exploratory retrospective cohort study
Huang S et al
American Journal of Otolaryngology 47 (5) 104892
10.1016/j.amjoto.2026.104892

The pediatric respiratory assessment measure as a predictor of hospitalization in the management of asthma exacerbations: an observational study
Pergo L et al
Jornal de Pediatria 102 (Sep-Oct) 101583
10.1016/j.jped.2026.101583

Sleep Disorders

Pediatric sleep disorders: taking care of Gen Z and Gen Alpha
Balasubramaniam R et al
Medical Clinics of North America 110 (5) 735-754
10.1016/j.mcna.2026.01.010

Gut microbiota and sleep disorders with a special focus on the pediatric population
Verrotti A et al
Pediatric Reports 18 (4) 94
10.3390/pediatric18040094

Sleep disorders in children with Cri du Chat syndrome: a questionnaire-based study
Ferretti A et al
Sleep Medicine 144 (2026) 108993
10.1016/j.sleep.2026.108993

Exploring nursing team perceptions of sleep in critically ill pediatric patients: a mixed-methods study
Gomez-Merino A et al
Children 13 (8) 1035

10.3390/children13081035
Urology
Enhancing access to a pediatric surgical speciality through virtual care and outreach clinics: a pilot quality improvement initiative at a tertiary children's hospital Ibrahimova A et al Journal of Pediatric Surgery 61 (9) 163250 10.1016/j.jpedsurg.2026.163250
Moving toward a corticocentric view of pediatric urinary incontinence Franco I et al Journal of Pediatric Urology 22 (4) 105988 10.1016/j.jpurol.2026.105988
Perioperative trajectories and predictors of parental and child anxiety in pediatric ureterorenoscopy for urolithiasis: a prospective multi-time-point study Ozturk M et al Journal of Pediatric Urology 22 (4) 105974 10.1016/j.jpurol.2026.105974
Approaching the pediatric anogenital exam Poon M et al Pediatric Clinics of North America 73 (4) 807-815 10.1016/j.pcl.2026.03.012