



Paediatric & Child Health bulletin

April 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

Direct single dose mass delabeling of antibiotic allergy in pediatrics

Coyne D et al
Pediatric Allergy & Immunology 37 (3) 1-8
10.1111/pai.70324

Language barriers in pediatric food allergy care: a single-center study on healthcare disparities

Wong K et al
PLoS ONE 21 (4) e0346248
10.1371/journal.pone.0346248

Differentiating peanut allergy from sensitization in Polish children: a real-life diagnostic model

Tworowska J et al
Life 16 (3) 418
10.3390/life16030418

EUFOREA summit in Brussels 2025: inspiring the future of allergy and respiratory care

Lau S et al
Frontiers in Allergy 7 (2026) EUFOREA
10.3389/falgy.2026.1745834

Breastfeeding



Peer support intervention (ABA-feed) to improve breastfeeding: UK based, multicentre, parallel group, randomised controlled trial

Jolly K et al

BMJ 392 (8485) e086558

Aripiprazole and breastfeeding: a retrospective, multi-site, case series

Spann G et al

Australasian Psychiatry 34 (2) 183-188

10.1177/10398562251388598

The relationship between prenatal care satisfaction, prenatal breastfeeding self-efficacy and readiness for newborn hygienic care in pregnant women: a cross-sectional study

Basar F et al

Psychology, Health & Medicine 31 (4) 874-888

10.1080/13548506.2025.2524866

The breastfeeding experiences of Mother-Infant dyads and the effects of an FMR1 mutation

Cheves E et al

Journal of Autism & Developmental Disorders 56 (4) 1473-1488

10.1007/s10803-024-06644-4

To use or not to use lisdexamfetamine in pregnancy and breastfeeding: a case report highlighting ADHD management and maternal-fetal outcomes

Tran T et al

Therapeutic Advances in Reproductive Health 20 (2026) 1-7

10.1177/26334941261438664

Cardiology

Paediatric cardio-oncology: strengths and challenges in developing a collaborative care pathway between oncologists and cardiologists. The Italian experience

Pozza A et al

Cardio-Oncology 12 (1) 56

10.1186/s40959-026-00470-6

Wearable and portable electrocardiographic devices as modern cardiac telemetry solutions in pediatrics: a systematic review

Warych M et al

Journal of Clinical Medicine 15 (8) 2883



10.3390/jcm15082883

Cardioprotective strategies of ACEi/ARBs and beta-blockers against anthracycline-induced cardiotoxicity in pediatric cancer survivors: a systematic review

Sattarpour R et al

Cardio-Oncology 12 (1) 41

10.1186/s40959-026-00447-5

Assessment of the predictive potential of pediatric relative fat mass compared to alternative measures of obesity for cardiorespiratory fitness in children: longitudinal associations during two-year follow-up

Zadarko-Domaradzka M et al

Nutrients 18 (5) 857

10.3390/nu18050857

Dermatology

Skin of color in pediatric dermatology: a cross-sectional retrospective analysis addressing inclusive diagnosis and care

Dondi A et al

Life (Basil) 16 (4) 578

10.3390/life16040578

Ethical management of truth-telling in pediatric dermatology

A pediatric patient was recently diagnosed with vitiligo, but her parents insist I don't disclose the diagnosis to her. The worry is that she will notice the depigmentation and feel anxious or confused. What are the ethical obligations when it comes to truth-telling to minors?

Smith A et al

Journal of the American Academy of Dermatology 94 (4) 1383-1384

10.1016/j.jaad.2025.08.074

Comics in pediatric dermatology: An innovative approach to patient engagement

Kakish D

International Journal of Dermatology and Venereology 9 (1) 71-72

10.1097/JD9.0000000000000431

Disability and the dermatology patient – Pt 2: supporting patients with disabilities

Kamsiah Z et al

Journal of the American Academy of Dermatology 94 (3) 777-789

10.1016/j.jaad.2024.10.123

Genetic Diseases in Children



Host genetic variation and gut microbiome in pediatric diseases

Meng Y et al

Chinese Medical Journal 139 (6) 828-842

10.1097/CM9.0000000000003959

Editorial: Genetics of pediatric immune-mediated diseases

Manti S et al

Frontiers in Genetics 2026 genetics of pediatric immune mediated diseases

10.3389/fgene.2025.1771063

The fetal frontier: a review of current and emerging fetal therapies for genetic diseases

Brown C et al

Seminars in Pediatric Surgery 41 (2026) 151583

10.1016/j.sempedsurg.2026.151583

Defining joy after a genetic diagnosis: a narrative inquiry

Miller J et al

Journal of Genetic Counseling 35 (2) 1-12

10.1002/jgc4.70191

Infectious diseases

Metagenomic next-generation sequencing in pediatric infectious disease diagnosis: a comprehensive systematic literature review and meta-analysis

Gutfreund M et al

Diagnostic Microbiology & Infectious Disease 114 (4) 117248

10.1016/j.diagmicrobio.2025.117248

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

Dechuan K et al

Frontiers in Pediatrics 14 (2026) infectious diseases+

10.3389/fped.2026.1659176

FDG-PET/MR imaging in the assessment of inflammatory and infectious disease in pediatric patients

Grant F

PET Clinics 21 (2) 259-270

10.1016/j.cpet.2025.12.001



Global mortality from severe infectious diseases among adolescents aged 10-19 years, 1990-2023: Long-term trends and cause composition from the Global Burden of Disease 2023 Study

Han Y

Diseases 14 (3) 94

10.3390/diseases14030094

20 years of PediSurv: a critical evaluation of a surveillance network for severe or rare infectious diseases in children in Belgium (2002-2023)

Peeters I et al

Archives of Public Health 84 (1) 66

10.1186/s13690-026-01864-0

Neurology

Evaluation and intervention to improve show rates in a pediatric neurology clinic

Avery K et al

Pediatric Neurology 177 (Apr) 111-118

10.1016/j.pediatrneurol.2026.01.019

The International Pediatric Headache Didactic Series: a novel curriculum innovation

Pavitt S et al

Headache 66 (4) 793-800

10.1111/head.70056

Rethinking corticosteroid therapy in pediatric neurology

Lin W et al

Journal of Inflammation Research 19 (2026) 1X

10.2147/JIR.S568197

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 (1) 12-14

10.1002/cns3.70048

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

Consoli C et al

Frontiers in Neurology 17 (2026) new insights

10.3389/fneur.2026.1812862



Nutrition

Nutrition support in pediatric surgical patients

Orschel C et al
Surgical Clinics of North America 106 (2) 287-306
10.1016/j.suc.2025.12.005

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

Ling-ling M et al
Frontiers in Pediatrics 14 (2026) opportunities
10.3389/fped.2026.1784261

Bowel preparation for colonoscopy in children: a survey of the Italian Society of Pediatric Gastroenterology, Hepatology and Nutrition

Difranческа E et al
Italian Journal of Pediatrics 52 (1) 67
10.1186/s13052-026-02227-4

Nutrition management in critically ill children: a scoping review of current practices and outcome measures in the pediatric intensive care unit

Purosky I et al
Nutrients 18 (8) 1284
10.3390/nu18081284

The role of nutrition in pediatric gastrointestinal diseases

Shaoul R et al
Nutrients 18 (8) 1307
10.3390/nu18081307

Prioritising nutrition alongside paediatric obesity management medications

Ruggiero C et al
Lancet Diabetes & Endocrinology 14 (3) 194-196
10.1016/S2213-8587(26)00008-2

Pain and Paediatrics

Dissemination of pediatric chronic pain research: views from patients, caregivers, and healthcare professionals

Hochreuter, J et al
Journal of Pain Research 19 (2026) 560855
10.2147/JPR.S560855



Vulnerability and pediatric pain

Rysewyk S et al
Paediatric and Neonatal Pain 8 (2) e70020
10.1002/pne2.70020

Higher education as a driver for the Humanization of Pediatric Pain Care (HUPEDCARE): protocol of a multicenter study

Gomez-Cantarino S et al
European Journal of Investigation in Health Psychology & Education 16 (4) 56
10.3390/ejihpe16040056

Consensus, divergence and challenges in pediatric pain management practices: a qualitative study from a multi-stakeholder perspective

Wang Z et al
BMC Health Services Research 26 (1) 427
10.1186/s12913-026-14271-1

Respiratory

The prevalence and role of human respiratory syncytial virus in pediatric respiratory tract infections: a systematic review and meta-analysis of global data

Khales P et al
eClinicalMedicine 94 (2026) 103837
10.1016/j.eclinm.2026.103837

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

Abu-Sultaneh S et al
Journal of Pediatrics 290 (2026) 114939
10.1016/j.jpeds.2025.114939

Did Nirsevimab shift pediatric hospitalizations due to lower respiratory tract infections? A nationwide Italian study (2024-2025)

Manzoni P et al
Viruses 18 (3) 274
10.3390/v18030274

Sleep Disorders

The impact of sleep disorders of children with severe medical complexity on their caregivers' sleep: a perspective from two pediatric palliative care centers



Pigani F et al
Italian Journal of Pediatrics 52 (1) 70
10.1186/s13052-026-02231-8

Clinical perceptions around management of sleep problems in children with neurodisability

Fullwood K et al
Child - Care, Health & Development 52 (2) 1-8
10.1111/cch.70244

Pediatric respiratory sleep disorders and its implications on oral health: the role of dentistry in pediatric sleep-disordered breathing

Bhogal S et al
Indian Journal of Dental Research 37 (Suppl 1) S48-S49
10.4103/ijdr_202637S1_ABS_137

Sleep-related breathing disorders (SRBD) and attention-deficit/hyperactivity disorder (ADHD) in children attending an orthodontic clinic: a pilot case-control study

Laurent M et al
Global Pediatrics 15 (2026) 100318

Age-related differences in sleep measures among pediatric patients with obstructive sleep-disordered breathing

Zhang M et al
Laryngoscope Investigative Otolaryngology 11 (2) e70403
10.1002/lio2.70403

Urology

The 2025 update on artificial intelligence models in pediatric urology: results from the AI-PEDURO collaborative

Khondker A et al
Journal of Pediatric Urology 22 (1) 105646
10.1016/j.jpurol.2025.10.013

The utility of the Whitaker test in the modern era of pediatric urology: a retrospective cohort study

Mahenthiran A et al
Journal of Pediatric Urology 22 (2) 105737
10.1016/j.jpurol.2026.105737



Enhanced recovery after surgery in pediatric urology patients undergoing complex lower urinary tract reconstruction: a multi-centre, prospective observational study

Rove K et al

Clinical Nutrition ESPEN 72 (2026) 102815

10.1136/bmjopen-2020 039035.

The value of intraoperative point-of-care urinalysis to predict positive urine cultures and symptomatic postoperative infections during cystoscopic procedures for pediatric patients

Rivera K et al

Canadian Urological Association Journal 20 (4) 108-113

10.5489/cuaj.9381