

Paediatrics Evidence Update November 2021

Produced by the Clinical Librarian Service

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If you have any further enquiries please do not hesitate to get in touch.

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The Clinical Librarian team endeavours to find as much of the latest evidence in your clinical area as possible, however make no claim as to the exhaustive nature of the update.

For more specific areas of interest within Paediatrics we would recommend a literature search or KnowledgeShare bulletin.

BMJ Best Practice

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Contents (click title to view)

NICE Guidance	Other Guidance
Cochrane Systematic Reviews	Systematic reviews from other sources
Cochrane clinical answers	Primary Research
BMJ Best Practice	Paediatric health in the News
Online Resources	Electronic Journals
UpToDate	



Most recent guidance published:

[COVID-19 rapid guideline: managing COVID-19 \[NG191\]](#)

[COVID-19 rapid guideline: managing the long-term effects of COVID-19 \[NG188\]](#)

[Fever in under 5s: assessment and initial management \[NG143\]](#)

Other Guidance/Reports

No updates.



Systematic Reviews and Research Protocols

[Can consumers and health providers working in partnership improve planning, delivery, and evaluation of health services compared with usual practice?](#)

[For preterm infants with evolving or established bronchopulmonary dysplasia \(BPD\), what are the effects of late \(\$\geq 7\$ days\) systemic corticosteroids \(CSs\)?](#)

[What are the effects of decision coaching for people making healthcare decisions?](#)

[What are the effects of sunlight for infants with hyperbilirubinemia?](#)

[What are the effects of sunlight for term and late preterm neonates at low risk of hyperbilirubinemia?](#)

What factors influence parents' and informal caregivers' views and practices regarding routine childhood vaccination?

What is the accuracy of symptom screening for active pulmonary tuberculosis (TB) in children with HIV under five years of age?

Systematic reviews from other sources

Association between Body Composition and Bone Mineral Density in Children and Adolescents: A Systematic Review and Meta-Analysis.

Breastfeeding and risk of overweight in childhood and beyond: a systematic review with emphasis on sibling-pair and intervention studies.

Cytomegalovirus-A Risk Factor for Childhood Hearing Loss: A Systematic Review.

The effectiveness of e-health interventions for the treatment of overweight or obesity in children and adolescents: A systematic review and meta-analysis.

The effectiveness of interventions on nutrition social behaviour change communication in improving child nutritional status within the first 1000 days: Evidence from a systematic review and meta-analysis.

Efficacy and safety of aprotinin in paediatric cardiac surgery: A systematic review and meta-analysis.

Efficacy and safety of salmeterol/fluticasone compared with montelukast alone (or add-on therapy to fluticasone) in the treatment of bronchial asthma in children and adolescents: a systematic review and meta-analysis.

Health-related quality of life in paediatric patients with vitiligo: a systematic review and meta-analysis.

Health-related quality of life and functional outcome measures for Paediatric Polytrauma: a Systematic Review and Narrative Synthesis.

Incidence of post-traumatic epilepsy following paediatric traumatic brain injury: protocol for systematic review and meta-analysis.

Management of Seymour Fractures in Children and Adolescents: A Systematic Review and Meta-Analysis.

Mortality and complications of scrub typhus in the paediatric population: a systematic review and meta-analysis.

Paediatric Antimicrobial Stewardship for Respiratory Infections in the Emergency Setting: A Systematic Review.

Paediatric obesity: a systematic review and pathway mapping of metabolic alterations underlying early disease processes.

Percutaneous transhepatic interventional therapy of portal vein stenosis in paediatric liver transplantation: A systematic review of efficacy and safety.

Prevalence of toothache and associated factors in children and adolescents: a systematic review and meta-analysis.

Review: Exercise for depression in children and adolescents - a systematic review and meta-analysis.

Risk factors for poor prognosis in children and adolescents with COVID-19: A systematic review and meta-analysis.

The Role of Physiotherapy in Pediatric Palliative Care: A Systematic Review.

"Sleep-disordered breathing and malocclusion in children and adolescents - a systematic review".

Use of inhalational anaesthetic agents in paediatric and adult patients for status asthmaticus, status epilepticus and difficult sedation scenarios: a protocol for a systematic review.



This month's clinical questions are...

For preterm infants with evolving or established bronchopulmonary dysplasia (BPD), what are the effects of late (≥ 7 days) systemic corticosteroids (CSs)?

What are the effects of decision coaching for people making healthcare decisions?

What are the effects of sunlight for infants with hyperbilirubinemia?

What factors influence parents' and informal caregivers' views and practices regarding routine childhood vaccination?

What is the accuracy of symptom screening for active pulmonary tuberculosis (TB) in children with HIV under five years of age?

Primary Research

Assessment of Arsenic Trioxide and All-trans Retinoic Acid for the Treatment of Pediatric Acute Promyelocytic Leukemia

The effect of a decision support system on the incidence of prescription errors in a PICU

Effect of Amoxicillin Dose and Treatment Duration on the Need for Antibiotic Re-treatment in Children With Community-Acquired Pneumonia

Evaluation of the BNT162b2 Covid-19 Vaccine in Children 5 to 11 Years of Age

How are Child-Specific Utility Instruments Used in Decision Making in Australia? A Review of Pharmaceutical Benefits Advisory Committee Public Summary Documents

Hydroxycarbamide treatment reduces transcranial Doppler velocity in the absence of transfusion support in children with sickle cell anaemia, elevated transcranial Doppler velocity, and cerebral vasculopathy: the EXTEND trial

Risk of COVID-19 hospital admission among children aged 5–17 years with asthma in Scotland: a national incident cohort study

Safety and efficacy of teriflunomide in paediatric multiple sclerosis (TERIKIDS): a multicentre, double-blind, phase 3, randomised, placebo-controlled trial

Topic: [Sepsis in children](#)

Paediatrics in the News

<https://www.england.nhs.uk/news/>

[NHS to open first specialist clinics for severely obese children](#)

Online Resources

[BestBETs](#) - BETs bring the evidence one step closer to the bedside, by providing answers to very specific clinical problems, using the best available evidence.

[British National Formulary \(BNCF\) for Children](#)

[Children and Young People](#) – Government Policy

[The Royal Marsden Manual of Clinical Procedures](#) – available via your Athens login

Journals & table of contents alerts

The Clinical Librarian team can help set up table of content alerts to the journal of your choice.

[Archives of Disease in Childhood](#)

[Paediatrics and Child Health](#)

[BMC Pediatrics](#)

[Nursing Children and Young People](#)

[Pediatric Nursing](#)

[Pediatrics](#)

National Institute for Health Research (NIHR)



**National Institute for
Health Research**

No updates.



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[Atenolol for complicated infantile hemangiomas](#)

[Breastfeeding and infant mortality](#)

[COVID-19 vaccination in children 5 years and older](#)

[Dose and duration of amoxicillin for community-acquired pneumonia \(CAP\) in young children](#)

[Duration of IV antibiotics for acute pulmonary exacerbation of CF](#)

[Evaluation and management of immediate allergic reactions to SARS-CoV-2 vaccines](#)

[New threshold for elevated blood lead in United States children](#)

[Pediatric fatalities associated with over-the-counter cough and cold medications](#)

[Return to play following COVID illness](#)

[Serum sodium changes not associated with cerebral injury during treatment of diabetic ketoacidosis in children](#)

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