

## Paediatrics Evidence Update August 2021

Produced by the Clinical Librarian Service

To access resources click on the blue hyperlinks, if you are unable to read the full text of any item please contact the Clinical Librarian team or make an article request using [this form](#).

The Clinical Librarian team are here to help with evidence searches, current awareness and training with information seeking skills, critical appraisal and referencing. We can assist you remotely, at your place of work or in the library at the QuAD Centre.

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

You can contact us by email at [Clinical.Librarian@porthosp.nhs.uk](mailto:Clinical.Librarian@porthosp.nhs.uk) or call extension 6042.

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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**

[Click here to start search](#)  
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 **UpToDate®**

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**KnowledgeShare**

Would you like your own, tailored evidence updates? [Email the Clinical Librarian team](#) to receive bulletins every two weeks on the topics of your choice.

# Contents (click title to view)

NICE Guidance	Other Guidance
<a href="#">Cochrane Systematic Reviews</a>	<a href="#">Systematic reviews from other sources</a>
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## Most recent guidance published:

[Babies, children and young people's experience of healthcare \[NG204\]](#)

[Bronchiolitis in children: diagnosis and management \[NG9\]](#)

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

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## Other Guidance/Reports

No updates.

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Systematic Reviews and Research Protocols

[Chloral hydrate as a sedating agent for neurodiagnostic procedures in children](#)

[Continuous versus bolus intermittent intragastric tube feeding for preterm and low birth weight infants with gastro-oesophageal reflux disease](#)

[Heliox for croup in children](#)

[Physical therapy interventions, other than general physical exercise interventions, in children and adolescents before, during and following treatment for cancer](#)

[Point-of-care tests detecting HIV nucleic acids for diagnosis of HIV-1 or HIV-2 infection in infants and children aged 18 months or less](#)

Recombinant growth hormone therapy for cystic fibrosis in children and young adults

Slow advancement of enteral feed volumes to prevent necrotising enterocolitis in very low birth weight infants

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## Systematic reviews from other sources

Evaluating communication with parents in paediatric patient encounters: a systematic review protocol.

Examining the Potential Relationship Between Multidisciplinary Team Meetings and Patient Survival in Pediatric Oncology Settings: A Systematic Review.

FDG-PET/CT versus bone marrow biopsy in bone marrow involvement in newly diagnosed paediatric lymphoma: a systematic review and meta-analysis.

The impact of COVID-19 lockdown on child and adolescent mental health: systematic review.

Impact of palliative care on end-of-life care and place of death in children, adolescents, and young adults with life-limiting conditions: A systematic review.

Implications of DTI in mild traumatic brain injury for detecting neurological recovery and predicting long-term behavioural outcome in paediatric and young population-a systematic review.

Interventions to reduce acute paediatric hospital admissions: a systematic review.

Like parent, like child: Is parent interpretation bias associated with their child's interpretation bias and anxiety? A systematic review and meta-analysis.

Maternal-focused interventions to improve infant growth and nutritional status in low-middle income countries: A systematic review of reviews.

Paediatric hearing aid use: a systematic review.

Parental education and inequalities in child mortality: a global systematic review and meta-analysis.

Population Pharmacokinetic Models of Vancomycin in Paediatric Patients: A Systematic Review.

Protocol for a systematic review on the role of the gut microbiome in paediatric neurological disorders.

Risk of aspiration pneumonia in paediatric patients with dysphagia who were found to have laryngeal penetration on the instrumental swallow evaluation: a systematic review protocol.

Role of point-of-care ultrasound (POCUS) in the diagnosis of an abscess in paediatric skin and soft tissue infections: a systematic review and meta-analysis.

Systematic review and meta-analysis to explore optimal therapeutic range of vancomycin trough level for infected paediatric patients with Gram-positive pathogens to reduce mortality and nephrotoxicity risk.

Systematic review on the association between sleep-related hyperarousal and child maltreatment.

Treatment of MOG-IgG associated disease in paediatric patients: A systematic review.

Water protection in paediatric patients with ventilation tubes: Myth or reality? A systematic review.

The Withdrawal Assessment Tool to identify iatrogenic withdrawal symptoms in critically ill paediatric patients: A COSMIN systematic review of measurement properties.

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This month's clinical questions are...

How does cognitive-behavioral therapy compare with attention control for children and adolescents with anxiety disorders?

How does cognitive-behavioral therapy compare with waitlist/no treatment for children and adolescents with anxiety disorders?

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## Primary Research

Association of Myocarditis With BNT162b2 Messenger RNA COVID-19 Vaccine in a Case Series of Children

Effect of a Sedation and Ventilator Liberation Protocol vs Usual Care on Duration of Invasive Mechanical Ventilation in Pediatric Intensive Care Units: A Randomized Clinical Trial

Effect of smoke-free legislation on respiratory health services use in children with asthma: a population-based open cohort study in Ontario, Canada

Encouraging rational antibiotic prescribing behaviour in primary care - prescribing practice among children aged 0-4 years 2016-2018: an observational study.

Global characteristics and outcomes of SARS-CoV-2 infection in children and adolescents with cancer (GRCCC): a cohort study

Illness duration and symptom profile in symptomatic UK school-aged children tested for SARS-CoV-2

Impact of Antibiotic Allergy Labels on Patient Outcomes in a Tertiary Paediatric Hospital

Optimization of Antibiotic Prophylaxis Delivery for Pediatric Surgical Procedures.

Oral ondansetron for paediatric gastroenteritis in primary care: a randomised controlled trial

Randomized Phase II Trial of Vincristine-Irinotecan With or Without Temozolomide, in Children and Adults With Relapsed or Refractory Rhabdomyosarcoma: A European Paediatric Soft tissue Sarcoma Study Group and Innovative Therapies for Children With Cancer Trial

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The logo for BMJ Best Practice consists of the letters "BMJ" in a large, white, bold, sans-serif font, followed by the words "Best Practice" in a smaller, white, sans-serif font, all contained within a solid blue rectangular background.

Athens is required for off-site access to BMJ Best Practice

**Topic:** Acute asthma exacerbation in children

**Topic:** Acute otitis media

**Topic:** [Assessment of nausea and vomiting in children](#)

**Topic:** [Assessment of fever in children](#)

**Topic:** [Cerebral palsy](#)

**Topic:** [Common cold](#)

**Topic:** [Congenital adrenal hyperplasia](#)

**Topic:** [Obesity in children](#)

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## Paediatrics in the News

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

[COVID-19 jab invite letters sent to one million 16 and 17 year olds](#)

[Lifesaving hepatitis C treatment for children on the NHS](#)

[NHS COVID jabs on the bill at Reading and Leeds festivals](#)

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## 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

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## 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)



Adopted children may develop specific types of post-traumatic stress

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Synthetic cannabinoid poisoning in a young child

Use of palivizumab during increased interseasonal activity of respiratory syncytial virus (RSV)

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