



Paediatric & Child Health Bulletin

October 2024

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Articles

Role of diagnostic tests for sepsis in children: a review

Archives of Disease in Childhood 2024;109:pp.786–793

Paediatric sepsis has a significant global impact and highly heterogeneous clinical presentation. The clinical pathway encompasses recognition, escalation and de-escalation. In each aspect, diagnostics have a fundamental influence over outcomes in children.

Fluid and electrolyte pathophysiology in common febrile illness in children and the implications for clinical management

Archives of Disease in Childhood 2024;109: pp.794–800

This narrative review outlines the fluid and electrolyte pathophysiology of common febrile illnesses in children, describes the evolution of this field and concludes with implications and principles of a fluid management strategy for seriously ill children. This review was prepared as a physiological background paper to support evidence presented to the WHO Guideline Development Group for Fluid Guidelines in Children, Geneva, March 2024.

Fifteen-minute consultation: Group A streptococcal pharyngitis, diagnosis and treatment in children

Archives of Disease in Childhood Education & Practice Ed 2024;109:pp.210–221

This article describes the current epidemiology and clinical presentation of GAS pharyngitis and explores how diagnostic and treatment decisions differ globally. Several key decision support tools are discussed including international guidelines, clinical decision scores and laboratory tests along with the evidence for treatment choice and duration.

Fifteen-minute consultation: Management of mammalian bites in children—from local wound care to prophylactic antibiotics

Archives of Disease in Childhood Education & Practice Ed 2024;109:pp.222–227

In this review, we provide a summary of the current evidence for the management of mammalian bites in children, including recommendations for appropriate investigations, wound management, administration of prophylactic and therapeutic antibiotics and the prevention of systemic infections.



How accurate is the QbTest for measuring symptoms of ADHD in children and adults?

Journal of Prescribing Practice Vol. 6, No. 10 pp.428-436

This literature review aimed to assess the reliability and validity of the quantified behavioural test (QbTest) to measure the symptoms of attention deficit hyperactivity disorder (ADHD), determining the extent to which results of the selected studies were accurate and generalisable.

Developing a consensus guide to toilet training all children

British Journal of Nursing, Vol 33, 18, pp. S30-S31

As there are currently no research-based validated guidelines regarding toilet training children for all children, including those with learning disabilities, we looked at developing a consensus-based best-practice, peer-reviewed document. The document is intended to support achievement of potential in this area for all children, including those with any learning disability.

Overview of anaerobic infections in children and their treatment

Journal of Infection and Chemotherapy, 2024-11-01, Volume 30, Issue 11, pp. 1104-1113

Anaerobic bacteria can cause many infections in children. Because they are predominant in the normal human skin and mucous membranes bacterial flora, they are often associated with bacterial infections that originate from these sites. They are difficult to isolate from infectious sites, and are frequently missed.

Clinical effectiveness of drop-in mental health services at paediatric hospitals: A non-randomised multi-site study for children and young people and their families – study protocol

PLoS ONE 19(5): e0302878.

The aim of this prospective non-randomised single-arm multi-centre interventional study is to determine the clinical effectiveness of drop-in mental health services when implemented at paediatric hospitals in England.

Long COVID in Children and Adolescents: Implications for Nursing Management

Pediatric Nursing, Jul/Aug 2024, 50(4), pp. 200- 207

This article examines characteristics and pathogenesis of long COVID in children and adolescents, and their implications for nursing management.

From left behind to leading the way: a blueprint for transforming child health services in England

https://www.rcpch.ac.uk/sites/default/files/2024-09/rcpch_child_health_blueprint_2024.pdf

Royal College of Paediatrics and Child Health, September 2024

ULHT/Clinical Key- Upcoming Elsevier Clinical Key resource discovery sessions 2024/2025

(Laila or Joel facilitating) Dec 10th 2024 2pm-2:45pm - Nursing staff

<https://events.teams.microsoft.com/event/af637f66-2836-4883-9196-d5060623636a@9274ee3f-9425-4109-a27f-9fb15c10675d>

Library services

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Online resources

BMJ Best Practice is available to all NHS staff. This clinical decision support tool provides step-by-step guidance on diagnosis, prognosis, treatment and prevention of a wide variety of conditions.

<https://bestpractice.bmj.com/oafed>

ClinicalKey is a database which supports healthcare professionals by providing access to the latest evidence across specialties.

<https://www.clinicalkey.com/>