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.
Most recent guidance published:
Renal and ureteric stones: assessment and management [NG118]
Draft Guidance: Depression in children and young people: identification and management

Other Guidance/Reports

Measles and rubella elimination UK strategy
Public Health England

13-24 year olds with cancer in England: Incidence, mortality and survival
Public Health England

Mental health services for children and young people
UK Parliament

Guideline 156: Children and young people exposed prenatally to alcohol
SIGN

Local area SEND inspections: information for families
Gov.UK

Child death review: statutory and operational guidance (England)
Gov.UK

Management of familial adenomatous polyposis in children and adolescents: position paper from the ESPGHAN Polyposis Working Group
European Society for Paediatric Gastroenterology Hepatology and Nutrition

Getting medicines
This UK-wide paper provides information for patients on getting medication in the event of a no-deal Brexit. Gov.UK

Childhood obesity plan: interactions between modelled policies
The health impacts of screen time: a guide for clinicians and parents
Royal College of Paediatrics and Child Health

Fecal microbiota transplantation for recurrent clostridium difficile infection and other conditions in children: a joint position paper from the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition and the European Society for Pediatric Gastroenterology, Hepatology, and Nutrition
European Society for Paediatric Gastroenterology Hepatology and Nutrition

Continuous positive airway pressure (CPAP) for acute bronchiolitis in children

Intermittent iron supplementation for reducing anaemia and its associated impairments in adolescent and adult menstruating women

Pharmacotherapies for cannabis dependence

School-based self-management interventions for asthma in children and adolescents: a mixed methods systematic review

Topiramate for juvenile myoclonic epilepsy

Airway clearance techniques for cystic fibrosis: an overview of Cochrane systematic reviews

Oral H1 antihistamines as ‘add-on’ therapy to topical treatment for eczema

Inpatient versus outpatient care, partial hospitalisation and waiting list for people with eating disorders

Postoperative epidural analgesia versus systemic analgesia for thoraco-lumbar spine surgery in children

C-reactive protein for diagnosing late-onset infection in newborn infants

Chest physiotherapy for pneumonia in children

Systematic reviews from other sources

Risk factors associated with paediatric unplanned hospital readmissions: a systematic review
Health Services Research

Seizures and quinolone antibiotics in children: a systematic review of adverse events
European Journal of Hospital Pharmacy
Effectiveness of school-based self-management interventions for asthma among children and adolescents: findings from a Cochrane systematic review and meta-analysis
Thorax

13_to_24_year-olds_with_cancer_in_england_incidence_mortality_survival
Public Health England

Local anesthetics and regional anesthesia versus conventional analgesia for preventing persistent postoperative pain in adults and children: A Cochrane systematic review and meta-analysis update.
Journal of Clinical Anesthesia

Impact of technology-based interventions for children and young people with type 1 diabetes on key diabetes self-management behaviours and prerequisites: a systematic review.
BMC Endocrine Disorders

The Laryngoscope

Nasopharyngeal colonisation with Streptococcus pneumoniae in malnourished children: a systematic review and meta-analysis of prevalence.
Transactions of the Royal Society of Tropical Medicine and Hygiene

Journal of Clinical Medicine

What can the gut microbiome teach us about the connections between child physical and mental health? A systematic review.
Developmental Psychobiology

Clinical Child and Family Psychology

Cancer risk in children and young adults born preterm: A systematic review and meta-analysis.
PloS One

Effects of screentime on the health and well-being of children and adolescents: a systematic review of reviews.
BMJ Open

Systematic Review of Natural Experiments for Childhood Obesity Prevention and Control.
American Journal of Preventive Medicine

This month’s clinical questions are...

For adults and adolescents with suspected appendicitis, how does laparoscopic appendectomy compare with conventional appendectomy?

What are the effects of rapid viral detection tests for children attending emergency departments with an acute respiratory infection?
Primary Research

Parent-Adolescent Agreement About Adolescent’s Suicidal Thoughts: A Divergence
Pediatrics

Association of infants exposed to prenatal Zika virus infection with their clinical, neurologic, and developmental status evaluated via the general movement assessment tool.
JAMA Network Open

Caring for Youth with Gender Dysphoria
NEJM Journal Watch

Lessons from a patient with cardiac arrest due to massive pulmonary embolism as the initial presentation of Wilms tumor: a case report and literature review
BMC Pediatrics

Bariatric surgery in adolescents: a prospective randomized controlled trial comparing laparoscopic gastric banding to combined lifestyle interventions in adolescents with severe obesity (BASIC trial)
BMC Pediatrics

Physical Activity and Sedentary Behavior From 6 to 11 Years
Pediatrics

Developmental Dysplasia of the Hip
Pediatrics

Use of Social Psychology to Improve Adherence to National Bronchiolitis Guidelines
Pediatrics

Preparing young people with complex needs and their families for transition to adult services
Nursing Children & Young People

Waardenburg syndrome
Nursing Children & Young People

Meeting the psychosocial needs of adolescents and their families during a diagnosis of acute lymphoblastic leukaemia
Nursing Children & Young People

Functional outcome in contemporary children and young adults with tetralogy of Fallot after repair
Archives of Disease in Childhood

Hypoventilation disproportionate to OSAS severity in children with Prader-Willi syndrome
Archives of Disease in Childhood

Quality of life of children and adolescents with chronic kidney disease: a cross-sectional study
Archives of Disease in Childhood

Management of infantile haemangioma
Paediatrics and Child Health

Using 'draw, write and tell' to understand children’s health-related experiences
Nurse Researcher

Case report of eyelid schwannoma: A rare presentation in a child
American Journal of Ophthalmology Case Reports
Concussion recovery time for children and adolescents (January 2019)
The time course of recovery from acute concussion was investigated in a multicenter prospective cohort study of over 2700 pediatric patients, 5 to 18 years of age, who presented to the emergency department [1]. Most children and adolescents (over 80 percent) recovered from their concussion within one month. However, recovery took longer in adolescent female patients, among whom less than half reached full recovery by 3 months. Previous studies have also identified increased severity of symptoms at presentation as a risk factor for prolonged recovery. Patients with persistent concussion symptoms not improving after 21 days warrant referral to a physician with specific expertise in managing pediatric concussion (eg, sports medicine specialist, physiatrist, or neurologist). (See "Concussion in children and adolescents: Management", section on 'Prognosis'.)

Guidelines for management of severe combined immunodeficiency due to adenosine deaminase deficiency (January 2019)
New consensus guidelines from an international group of experts regarding the management of severe combined immunodeficiency due to adenosine deaminase deficiency (ADA-SCID) have been published [39]. The most important update is that ADA gene therapy is now considered on par with hematopoietic cell transplantation (HCT) from a human leukocyte antigen (HLA)matched sibling or family donor for preferred definitive therapy for ADA-SCID. Although we recommend either of these strategies for patients with ADA-SCID, their use is limited by availability and cost. (See "Adenosine deaminase deficiency: Treatment and prognosis", section on 'Preferred definitive therapy for ADA-SCID'.)
**Topic:** Opioid abuse and dependence

**Summary:** buprenorphine, naltrexone, or methadone (alone or in combination with behavioral health services) within 3 months of diagnosis associated with reduced attrition from treatment compared to behavioral health services alone in adolescents and young adults with opioid use disorder (JAMA Pediatr 2018 Nov 1)

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**Topic:** Septic arthritis in children

**Summary:** C-reactive protein $> 10$ mg/dL, erythrocyte sedimentation rate $> 40$, osteomyelitis, and positive intraoperative culture for MRSA each associated with increased risk of repeat surgical intervention in children who had surgical arthrotomy for septic arthritis of hip (J Am Acad Orthop Surg 2018 Dec 4)

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**Topic:** Kawasaki disease

**Summary:** 13-gene transcript signature in blood within 10 days of fever onset may help differentiate Kawasaki disease from other febrile illnesses in children (JAMA Pediatr 2018 Oct 1)

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**Paediatrics in the News**

**FDA Approves Vaccine to Prevent Six Infectious Diseases in Children**

**NEJM Journal Watch**

**Screen time linked to 'delayed development' in young children**

**NHS.UK**

**‘Champions’ take the lead on improving care for refugees and asylum seekers**

**Nursing Standard**

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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

**NHS Choices** - Behind the Headlines – the latest newspaper headlines debunked.

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