Produced by the Clinical Librarian Service

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 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 EM we would recommend a literature search or KnowledgeShare bulletin.

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.
Most recent guidance published:

**Decision-making and mental capacity [NG108]**
This guideline covers decision-making in people 16 years and over who may lack capacity now or in the future. It aims to help health and social care practitioners support people to make their own decisions where they have the capacity to do so. It also helps practitioners to keep people who lack capacity at the centre of the decision-making process.

Other Guidance/Reports

**The use of antiviral drugs for influenza: Guidance for practitioners**
Canadian Paediatric Society

**Psychological interventions for needle-related procedural pain and distress in children and adolescents**

**Heliox for croup in children**
Systematic reviews from other sources

Are Nonpharmacologic Pain Interventions Effective at Reducing Pain in Adult Patients Visiting the Emergency Department? A Systematic Review and Meta-analysis
Academic Emergency Medicine

Cochrane Clinical Answers

This month’s clinical questions are...

What are the effects of early use of inhaled corticosteroids in people attending the emergency department with acute asthma exacerbations?

In children and adolescents with acute otitis media, how do topical anesthetic ear drops affect outcomes?

Pediatric Emergency Medicine

Recent PEM studies, Click to view

Primary Research

Exploring the impact of Brexit.
British Journal of Nursing, 27(18)

Non-urgent attendances to emergency departments are more common among younger adults
NIHR Signal

Steeling ourselves for winter
NHS Providers

Spoken communication and patient safety in the NHS
NHS Improvement

Task errors by emergency physicians are associated with interruptions, multitasking, fatigue and working memory capacity: a prospective, direct observation study.
BMJ Quality & Safety

Therapeutic hypothermia to reduce intracranial pressure after traumatic brain injury: the Eurotherm3235 RCT
Health Technology Assessment

Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain: a randomized clinical trial
Mild traumatic brain injury (TBI) is defined as an acute brain injury after head trauma with a Glasgow Coma Scale score of 13 to 15, loss of consciousness, posttraumatic amnesia, or other transient neurologic findings. The Centers for Disease Control and Prevention have released the first evidence-based guideline for mild TBI in children [32]. It emphasizes clinical assessment using validated symptom rating scales and application of decision tools to limit the need for neuroimaging. It also endorses restriction of physical and cognitive activity for the first several days after injury based upon the degree of symptoms; the need for a gradual increase in the duration and intensity of academic and physical activities, as tolerated, during recovery; and the importance of frequent reassessment until the child is well. This guideline applies to children and adolescents with concussion as well as more severe mild TBI. (See "Concussion in children and adolescents: Clinical manifestations and diagnosis" and "Concussion in children and adolescents: Management".)
Topic: Chest pain in adults - approach to the patient
Summary: Heart Pathway risk stratification at index hospitalization may not reduce use of angiography or stress testing but also may not be associated with increased risk of MACE or healthcare utilization at 1 year in patients presenting to emergency department with chest pain (Acad Emerg Med 2018 Jun 19 early online)

Topic: Acute coronary syndromes
Summary: very early invasive angiography does not reduce risk of composite all-cause mortality, nonfatal recurrent myocardial infarction, hospital admission, and heart failure compared to standard invasive angiography in patients with suspected acute coronary syndrome (Circulation 2018 Aug 28 early online)

Topic: Decision rules for computed tomography in adults with head injury
Summary: CT in head injury patients (CHIP) rule and New Orleans criteria appear to be the most sensitive decision rules for ruling out intracranial traumatic findings or lesions requiring surgery in adults presenting with minor head injury (BMJ 2018 Aug 24)

Topic: Sepsis in adults
Summary: review of current understanding of molecular mechanisms and clinical implications for septic cardiomyopathy (Chest 2018 Aug 29 early online)

Topic: Airway management
Summary: supraglottic airway device for initial advanced airway management may not increase favorable functional outcome at 30 days compared to tracheal intubation in patients with nontraumatic out-of-hospital cardiac arrest (JAMA 2018 Aug 28)

Topic: Advanced cardiovascular life support (ACLS)
Summary: prehospital advanced airway management with bag-mask ventilation may not be as effective as endotracheal intubation for increasing survival at 28 days with favorable neurological function in adults with out-of-hospital cardiorespiratory arrest (JAMA 2018 Feb 27)

Topic: Pharmacologic management of acute asthma exacerbation in children
Summary: single intramuscular corticosteroid injection in emergency department may be associated with similar risk of relapse compared to oral corticosteroids for 3-5 days in children with acute asthma presenting to emergency department (Cochrane Database Syst Rev 2018 Jun 2)

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Emergency Medicine in the News

Reality Check: Is Scottish A&E outperforming England?
BBC News report

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

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