Sepsis Knowledge Digest April 2018

To request the full text of these articles e-mail Gethin White at Gethin.White@hse.ie

Article 1:

Title: Association between fluid balance and outcomes in critically ill children: a systematic review and meta-analysis
Source: JAMA Pediatrics
Author: R Alobaidi
Reference: January 2018

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Article 2:

Title: The diagnostic accuracy of presepsin in neonatal sepsis: a meta-analysis
Source: European Journal Pediatrics
Author: L Bellos
Reference: May 2018

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Article 3:

Title: Early warning scores do not accurately predict mortality in sepsis: a meta-analysis and systematic review of the literature
Source: Journal of Infection
Author: F Hamilton
Reference: March 2018

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Article 4:

Title: Efficacy and safety of procalcitonin guidance in patients with suspected or confirmed sepsis: a systematic review and meta analysis
Source: Critical Care Medicine
Author: I Iankova
Reference: March 2018

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Article 5:

**Title:** A systematic review on risk factors associated with sepsis in patients admitted to intensive care units  
**Source:** Australian Critical Care  
**Author:** M Fathi  
**Reference:** March 2018

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Article 6:

**Title:** Prognostic accuracy of the quick sequential organ failure assessment for mortality in patients with suspected infection: a systematic review and meta analysis  
**Source:** Annals Internal Medicine  
**Author:** S Fernando  
**Reference:** February 2018

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Article 7:

**Title:** The global burden of paediatric and neonatal sepsis: a systematic review  
**Source:** The Lancet Respiratory Medicine  
**Author:** C Fleischmann-Struzek  
**Reference:** March 2018

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Article 8:

**Title:** Impact of a combination antibiotic bag on compliance with surviving sepsis campaign goals in emergency department patients with severe sepsis and septic shock  
**Source:** Annals Pharmacotherapy  
**Author:** M Lorenzo  
**Reference:** March 2018

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Article 9:

**Title:** Exploring the predictors of emergency department triage acuity assignment in patients with sepsis  
**Source:** Canadian Journal Nursing Research
Article 10:

**Title:** Recommendations for active correction of hypernatremia in volume resuscitated shock or sepsis patients should be taken with a grain of salt: a systematic review  
**Source:** SAGE Open Medicine  
**Author:** J Quinn  
**Reference:** March 2018

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Article 11:

**Title:** Predicting 30 day mortality in patients with sepsis: an exploratory analysis of process of care and patient characteristics  
**Source:** Journal of the Intensive Care Society  
**Author:** M Sanderson  
**Reference:** March 2018

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Article 12:

**Title:** Raising concerns about the Sepsis 3 definitions  
**Source:** World Journal of Emergency Surgery  
**Author:** M Sartelli  
**Reference:** March 2018

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Article 13:

**Title:** Sepsis in the emergency department: investigations and monitoring  
**Source:** Emergency Medicine Australasia  
**Author:** A Shetty  
**Reference:** January 2018

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