Sepsis Knowledge Digest January 2015

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

Article 1:

Title: Accuracy of light cycler Septifast for the detection and identification of pathogens in the blood of patients with suspected sepsis: a systematic review and meta-analysis
Source: Intensive Care Medicine
Author: Dark, P
Reference: November 2014

http://link.springer.com/article/10.1007%2Fs00134-014-3553-8

Article 2:

Title: Albumin versus other fluids for fluid resuscitation in patients with sepsis: a meta-analysis
Source: Plos One
Author: Jiang, L
Reference: November 2014

http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0114666

Article 3:

Title: Are adequate fluid challenges prescribed for severe sepsis?
Source: International Journal Health Care Quarterly
Author: Courtney, M
Reference: October 2014


Article 4:

Title: Association between vancomycin minimum inhibitory concentration and mortality among patients with staphylococcus aureus bloodstream infections: a systematic review and meta-analysis
Source: JAMA
Author: Kalil, A
Reference: October 2014
Article 5:

**Title:** Clinical decision support for early recognition of Sepsis  
**Source:** American Journal of Medical Quality  
**Author:** Amland, R  
**Reference:** November 2014


Article 6:

**Title:** Clinical management of staphylococcus aureus bacteremia: a review  
**Source:** JAMA  
**Author:** Holland, T  
**Reference:** October 2014


Article 7:

**Title:** Comparison of trends in sepsis incidence and coding using administrative claims versus objective clinical data  
**Source:** Clinical Infectious Diseases  
**Author:** Rhee, C  
**Reference:** September 2014


Article 8:

**Title:** Cross-sectional audit on the relevance of elevated national early warning score in medical patients at a model 2 hospital in Ireland  
**Source:** Irish Journal of Medical Science  
**Author:** Lobo, R  
**Reference:** October 2014


Article 9:

**Title:** Early identification and management of patients with severe sepsis and septic shock in the emergency department  
**Source:** Emergency Medicine Clinics of North America  
**Author:** Keegan, J  
**Reference:** November 2014

Article 10:

Title: Emergency department management of early sepsis: a national survey of emergency medicine and intensive care consultants  
Source: Emergency Medicine Journal  
Author: Jiwaji, Z  
Reference: December 2014  

Article 11:

Title: Fluid overload, de-resuscitation, and outcomes in critically ill or injured patients: a systematic review with suggestions for clinical practice  
Source: Anaesthesiology Intensive Therapies  
Author: Malbrain, M  
Reference: December 2014  

Article 12:

Title: Improving outcomes in patients with sepsis  
Source: American Journal of Medical Quality  
Author: Armen, S  
Reference: September 2014  

Article 13:

Title: Incidence rate of community-acquired Sepsis among hospitalized acute medical patients – a population based survey  
Source: Critical Care Medicine  
Author: Henriksen, D  
Reference: September 2014  

Article 14:

Title: Multi-drug resistance, inappropriate initial antibiotic therapy and mortality in gram-negative severe sepsis and septic shock: a retrospective cohort study  
Source: Critical Care  
Author: Zilberberg, M
Reference: November 2014


Article 15:

Title: Postadmission sepsis as a screen for quality problems: a case-control study
Source: American Journal of Medical Quality
Author: Hughes, J
Reference: November 2014


Article 16:

Title: Procalcitonin levels in survivors and non survivors of sepsis: systematic review and meta-analysis
Source: Shock
Author: Arora, S
Reference: November 2014


Article 17:

Title: Severe sepsis and septic shock: clinical overview and update on management
Source: Mayo Clinical Proceedings
Author: Cawcutt, K
Reference: November 2014


Article 18:

Title: The efficacy and safety of heparin in patients with sepsis: a systematic review and meta-analysis
Source: Critical Care Medicine
Author: Zarychanski, R
Reference: December 2014

Article 19:

Title: The National Early Warning Score in practice: a reflection
Source: British Journal of Nursing
Author: Day, T
Reference: October 2014