SEPSIS – Current Awareness

123,000 cases of sepsis occur in England annually with approximately 37,000 deaths each year. To keep you up to date, Imperial College Library Services has compiled a selection of the latest evidence in this important area including guidance, research, e-learning & more.

Guidelines, Guidance and Toolkits

Surviving Sepsis Campaign, January 2017

Sepsis
Royal College of Nursing, December 2016

NICE Guideline [NG51] Sepsis: recognition, diagnosis and early management
NICE Guidance, July 2016

CytoSorb therapy for sepsis
NICE Guidance (Medtech innovation briefing), November 2016

Clinical Toolkit 8: Laboratory handling and reporting of blood cultures.
The Sepsis Trust. Sept 2015

Sepsis Toolkit
Royal College of General Practitioners, September 2016
Evidence Summaries & Reviews

**Sepsis (list of topics)**
DynaMed – access with your OpenAthens account

**Sepsis in adults**
DynaMed, updated November 2016 – access with your OpenAthens account

**Sepsis treatment in adults**
DynaMed, updated November 2016 – access with your OpenAthens account

**Sepsis in children**
DynaMed, updated October 2016 – access with your OpenAthens account

**Sepsis treatment in children**
DynaMed, updated October 2016 – access with your OpenAthens account

**One dose per day compared to multiple doses per day of gentamicin for treatment of suspected or proven sepsis in neonates**
Cochrane Database of Systematic Reviews, December 2016

**The heart failure drug levosimendan doesn’t improve outcomes in adults with severe infections**
NIHR Dissemination Centre, December 2016

**Automated monitoring for the early detection of sepsis in critically ill patients**
Cochrane Database of Systematic Reviews, October 2016

**Sepsis Toolkit**
Royal College of General Practitioners, September 2016

**How do corticosteroids affect outcomes when used to treat sepsis?**
Cochrane Clinical Answers, August 2016

**Community-onset sepsis and its public health burden: a systematic review**
PubMed Central, May 2016

**Corticosteroids could help reduce deaths due to blood poisoning**
NIHR Dissemination Centre, March 2016

**Short-duration versus standard-duration antibiotic regimens for the treatment of neonatal bacterial infection**
Cochrane Database of Systematic Reviews, January 2016

**Corticosteroids for treating sepsis**
UK Database of Uncertainties about the Effects of Treatments (UK DUETs), January 2016

**Neutrotropic Sepsis**
NICE Clinical Knowledge Summaries, updated November 2015

**Drugs & Medicines Information**

**Blood infections**
British National Formulary, January 2017
Blood infections
British National Formulary for Children, January 2017

Effectiveness and safety of procalcitonin evaluation for reducing mortality in adults with sepsis, severe sepsis or septic shock
Cochrane Database of Systematic Reviews, January 2017

NICE Bites: Sepsis; North West Medicines Information
Specialist Pharmacy Service, September 2016

Information for Patients
Adult Sepsis Safety Net
The UK Sepsis Trust, April 2016

Child Sepsis Safety Net
The UK Sepsis Trust, April 2016

Sepsis
NHS Choices, February 2016

Helping parents spot the signs of sepsis

‘Don’t be a martyr’: Winter health warning for sepsis
BBC News, January 2017

E-Learning and Training
Think Sepsis
e-Learning for Healthcare – access with your OpenAthens account

Sepsis Savvy
The UK Sepsis Trust

Sepsis Awareness
Health Education England, November 2016

Resources for the detection and management of deterioration in adult patients
NHS Improvement, July 2016

Severe Sepsis and Septic Shock: Diagnosis and Management
BMJ Learning, April 2016
Recent Journal Articles

- Most articles are available with your NICE OpenAthens account. Sign in when prompted.
- Articles marked “Library PCs” are accessible on a computer at one of our libraries.
- Articles marked “Open access” are free for anyone to read. No login is required.

A randomised controlled trial of the probiotic Bifidobacterium breve BBG-001 in preterm babies to prevent sepsis, necrotising enterocolitis and death: the Probiotics in Preterm infants (PIPS) trial.

A complex endeavour: An ethnographic study of the implementation of the Sepsis Six clinical care bundle.

A users’ guide to the 2016 Surviving Sepsis Guidelines.
Dellinger R.P.; Schorr C.A.; Levy M.M. *Intensive Care Medicine*; Jan 2017 ; p. 1-5. (OpenAthens)

Assessment and management of the septic patient: part 1.
Vaughan, Jody; Parry, Andy. *British Journal of Nursing*; Sep 2016; vol. 25 (no. 17); p. 958-964. (OpenAthens)

Assessment and management of the septic patient: part 2.
Vaughan, Jody; Parry, Andy. *British Journal of Nursing*; Nov 2016; vol. 25 (no. 21); p. 1196-1200. (OpenAthens)

Don't Go Chasing Waterfalls: Excessive Fluid Resuscitation in Severe Sepsis and Septic Shock.
Chen, Leon. *Critical Care Nursing Quarterly*; 2016; vol. 39 (no. 1); p. 34-37. (OpenAthens)

Early identification of sepsis in hospital inpatients by ward nurses increases 30-day survival.
Torsvik M, Gustad L, Mehl A et al. *Critical Care*. 2016:20(1) p244. (Open access)

Effect of early goal directed therapy in the treatment of severe sepsis and/or septic shock.
Liu B, Ding X and Yang J. *Current Medical Research and Opinion*. 2016:32(11) p1773-1782. (Library PCs)

Exposing the source of sepsis in the older patient: have you checked the catheter?
George, Ellul, Serag et al. *Age & Ageing*; Nov 2016; vol. 45 (no. 6); p. 912-912. (OpenAthens)

Stoll, Barbara J. *Pediatrics*; Dec 2016; vol. 138 (no. 6); p. 30-32. (OpenAthens)

Hospital-related cost of sepsis: A systematic review.

Managing Maternal Sepsis: Early Warning Criteria to ECMO.
Padilla, C. *Clinical Obstetrics and Gynecology*; Jan 2017. (OpenAthens)

Pharmacist impact on time to antibiotic administration in patients with sepsis in an ED.
Moussavi, Kayvan; Nikitenko, Vitaliy. *American Journal of Emergency Medicine*; Nov 2016; vol. 34 (no. 11); p. 2117-2121. (OpenAthens)
Protocolized Early Sepsis Care Is Not Only Helpful for Patients: It Prevents Medical Errors.
Coz Yataco A.; Jaehne A.K.; Rivers E.P. Critical Care Medicine; Jan 2017. (OpenAthens)

Scripting nurse communication to improve sepsis care.
Drahnak, Dawn; Hravnak, Marilyn; Ren, Dianxu. MedSurg Nursing; 2016; vol. 25 (no. 4); p. 233-239. (OpenAthens)

Suspected sepsis: summary of NICE guidance.
Freitag, Andreas; Constanti, Margaret; O'Flynn, Norma. BMJ (Clinical Research Edition); Aug 2016; vol. 354 (no. 8069); p. i4030. (OpenAthens)

Unraveling the Mysterious Relationship Between Obesity and Outcomes in Patients With Sepsis.
Savel, Richard H.; Simon, Ronald J.; Kupfer, Yizhak. Critical Care Medicine; Nov 2016; vol. 44 (no. 11); p. 2104-2105. (OpenAthens)

Woman dies after infection with bacteria resistant to all antibiotics available in US.

Selected Library Books and Chapters
For location and availability please check Library Search, the freely available Imperial College Libraries online catalogue.

ABC of sepsis

Sepsis: symptoms, diagnosis and treatment
Brown, Joseph R. New York: Nova Biomedical c2010

Oxford Medicine Online
Sign in with you OpenAthens account

The child with sepsis (E-Book Chapter – Library computers only)
Christopherson, Matthew D; Baines, Paul

Sepsis (E-Book Chapter – Library computers only)

Preoperative Antibiotics and Prevention of Sepsis in Genitourinary Surgery (E-Book Chapter – Library computers only). Smith's Textbook of Endourology, Section 1: Basic Principles, Chapter 4, p.38-52
For more information...
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