

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

[International Guidelines for Management of Sepsis and Septic Shock: 2016](#)

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

[Neurotropic 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](#)

Department of Health and Public Health England, December 2016

[‘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.](#)

Costeloe K, Bowler U, Brocklehurst P et al. *Health Technology Assessment*. 2016;20(66). (Open access)

[A complex endeavour: An ethnographic study of the implementation of the Sepsis Six clinical care bundle.](#)

Tarrant C, O'Donnell B, Martin G et al. *Implementation Science*. 2016; 11(149). (Open Access)

[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)

[Early-Onset Neonatal Sepsis: A Continuing Problem in Need of Novel Prevention Strategies.](#)

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

[Hospital-related cost of sepsis: A systematic review.](#)

Arefian H, Heublein S, et al. *Journal of Infection*. 2016 Nov 21. pii: S0163-4453(16)30288-2. (Library PCs)

[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.](#)

McCarthy M. *BMJ*. 2017;356:j254. (OpenAthens)

Selected Library Books and Chapters

For location and availability please check [Library Search](#), the freely available Imperial College Libraries online catalogue.

ABC of sepsis

Daniels, Ron, MD.; Nutbeam, Tim. Oxford: Wiley-Blackwell 2009

Sepsis: symptoms, diagnosis and treatment

Brown, Joseph R. New York: Nova Biomedical c2010

[Oxford Medicine Online](#)

Sign in with you OpenAthens account

Search "sepsis" OR "septic*" to find e-book chapters across all Oxford Handbooks and Textbooks including the *Oxford Handbook of Critical Care Nursing*, *Oxford Case Histories in Anaesthesia*, *Textbook of Post-ICU Medicine: The Legacy of Critical Care*, and more. <http://oxfordmedicine.com/>

The child with sepsis (E-Book Chapter – Library computers only)

Christopherson, Matthew D; Baines, Paul

Managing the Critically Ill Child a Guide for Anaesthetists and Emergency Physicians, pp.33-47 2013

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



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