



Recognition and Management of Sepsis - Topic Update (November 2017)

Trust Documents

[Sepsis Management](#) (intranet link)

Guidelines & Toolkits

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

Rhodes A.; et al. Critical Care Medicine; Mar 2017; vol. 45 (no. 3); p. 486-552 ([login to Open Athens](#))

[Sepsis: recognition, diagnosis and early management : guidance \(NG51\)](#)

National Institute for Health and Care Excellence – NICE (published July 2016 updated September 2017)

[Sepsis guidance implementation advice for adults](#)

NHS England (September 2017)

[Cross-system sepsis action plan 2017](#)

NHS England (September 2017)

[Bacterial Sepsis in Pregnancy \(Green Top Guideline no. 64a\)](#)

Royal College of Obstetricians & Gynaecologists (April 2012)

[Bacterial Sepsis Following Pregnancy \(Green Top Guideline no. 64b\)](#)

Royal College of Obstetricians & Gynaecologists (April 2012)

[Acute care toolkit 9: sepsis \(September 2014\)](#)

Royal College of Physicians

[Clinical Screening Tools](#)

The UK Sepsis Trust

[Sepsis subject guide](#) – RCN

[The UK Sepsis Trust Resources for the detection and management of deterioration in adult patients
NHS Improvement, July 2016](#)

Journal Publications:

[Early management of sepsis with emphasis on early goal directed therapy: AME evidence series 002](#)

Zhang Z.; Hong Y.; Smischney N.J.; Kuo H.-P.; Tsigotis P.; Rello J.; Kuan W.S.; Jung C.; Robba C.; Taccone F.S.; Grimaldi D.; Leone M.; Spapen H.; Poucke S.V.; Simpson S.Q.; Honore P.M.; Hofer S.; Caironi P.

Journal of Thoracic Disease; 2017; vol. 9 (no. 2); p. 392-405

Procalcitonin: A promising diagnostic marker for sepsis and antibiotic therapy

Vijayan A.L.; Ravindran S.; Saikant R.; Lakshmi S.; Kartik R.; Manoj G.

Journal of Intensive Care; Aug 2017; vol. 5 (no. 1)

Is early goal-directed therapy harmful to patients with sepsis and high disease severity?

Kalil A.C.; Kellum J.A.

Critical Care Medicine; Aug 2017; vol. 45 (no. 8); p. 1265-1267

Recognizing Sepsis as a Global Health Priority - A WHO Resolution.

Reinhart, Konrad; Daniels, Ron; Kissoon, Niranjana; Machado, Flavia R; Schachter, Raymond D; Finfer, Simon

The New England journal of medicine; Aug 2017; vol. 377 (no. 5); p. 414-417

Timely identification of sepsis.

Rebeaud, Fabien

MLO: Medical Laboratory Observer; Aug 2017; vol. 49 (no. 8); p. 26-28

Sepsis guidelines and diagnostics: Current impact and future outlook.

Powell, Scott

MLO: Medical Laboratory Observer; Aug 2017; vol. 49 (no. 8); p. 30-31

Rapid testing aids in the early diagnosis of sepsis.

Ludvigson, David

MLO: Medical Laboratory Observer; Aug 2017; vol. 49 (no. 8); p. 34-35

New technologies for diagnosing bloodstream infection and measuring antimicrobial resistance.

Adeyiga, Oladunni B.; Di Carlo, Dino

MLO: Medical Laboratory Observer; Jul 2017; vol. 49 (no. 7); p. 54-56

Update on pediatric sepsis: A review

Kawasaki T.

Journal of Intensive Care; Jul 2017; vol. 5 (no. 1)

Managing Maternal Sepsis: Early Warning Criteria to ECMO.

PADILLA, CESAR; PALANISAMY, ARVIND

Clinical Obstetrics & Gynecology; Jun 2017; vol. 60 (no. 2); p. 418-424

Early, Goal-Directed Therapy for Septic Shock - A Patient-Level Meta-Analysis.

Rowan, Kathryn M.; et al

New England Journal of Medicine; Jun 2017; vol. 376 (no. 23); p. 2223-2234.

The SPEED (sepsis patient evaluation in the emergency department) score: A risk stratification and outcome prediction tool

Author(s): Bewersdorf J.P.; Hautmann O.; Abdul Khalil A.; Zainal Abidin I.; Loch A.; Kofink D.

Source: European Journal of Emergency Medicine; May 2017; vol. 24 (no. 3); p. 170-175

Identifying Patients With Sepsis on the Hospital Wards.

Author(s): Bhattacharjee, Poushali; Edelson, Dana P; Churpek, Matthew M

Source: Chest; Apr 2017; vol. 151 (no. 4); p. 898-907

Sepsis as 2 problems: Identifying sepsis at admission and predicting onset in the hospital using an electronic medical record-based acuity score

Author(s): Rothman M.; Beals J.; Levy M.; Dellinger R.P.; Jones S.L.; Fogerty R.L.; Voelker K.G.; Gross B.; Marchetti A.

Source: Journal of Critical Care; Apr 2017; vol. 38 ; p. 237-244

Impact of implementation of the National Early Warning Score on patients and staff.

Farenden, Scott; Gamble, David; Welch, John

: British journal of hospital medicine (London, England : 2005); Mar 2017; vol. 78 (no. 3); p. 132-136

Systemic Inflammatory Response Syndrome, Quick Sequential Organ Function Assessment, and Organ Dysfunction: Insights From a Prospective Database of ED Patients With Infection.

Williams, Julian M; Greenslade, Jaimi H; McKenzie, Juliet V; Chu, Kevin; Brown, Anthony F T; Lipman, Jeffrey

Chest; Mar 2017; vol. 151 (no. 3); p. 586-596

Defining and Diagnosing Sepsis.

Author(s): Scott, Michael C

Source: Emergency medicine clinics of North America; Feb 2017; vol. 35 (no. 1); p. 1-9

Surviving Sepsis Guidelines: A Continuous Move Toward Better Care of Patients With Sepsis.

Author(s): De Backer, Daniel; Dorman, Todd

Source: JAMA; Feb 2017; vol. 317 (no. 8); p. 807-808

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New and Updated Cochrane Reviews

Molecular assays for the diagnosis of sepsis in neonates

Mohan Pammi , Angela Flores , James Versalovic and Mariska MG Leeflang
February 2017

Effectiveness and safety of procalcitonin evaluation for reducing mortality in adults with sepsis , severe sepsis or septic shock

Brenda NG Andriolo , Regis B Andriolo , Reinaldo Salomão and Álvaro N Atallah
January 2017

High-volume haemofiltration for sepsis in adults

Emma MJ Borthwick , Christopher J Hill , Kannaiyan S Rabindranath , Alexander P Maxwell , Danny F McAuley and Bronagh Blackwood
January 2017

NIHR Signals

NIHR Signal: An emergency department protocol to restore circulation doesn't improve outcomes in septic shock

July 2017

NIHR Signal: A focus on treating fever does not improve survival in sepsis

National Institute for Health Research
June 2017.

NIHR Signal: Giving immediate antibiotics reduces deaths from sepsis

April 2017

Reports & Resources

Severe sepsis and septic shock: clinical audit 2016/17 : national report.

Royal College of Emergency Medicine

May 2017

Reducing the impact of serious infections CQUIN (NHS Improvement resources to support delivery of the 'Reducing the impact of serious infections antimicrobial resistance and sepsis' CQUIN, parts 2c and 2d.)

March 2017

E-Learning and Training

[Think Sepsis e-Learning for Healthcare](#), 2016 – sign in with your OpenAthens account

Online Sepsis Game

This [online Sepsis Game](#) (FREE) helps health professionals learn how to spot and treat sepsis quickly and effectively.

Selected Library Books & Chapters

Print Books

Ward-Based Critical Care: A Guide for Health Professionals
chapter- sepsis

Nursing the acutely ill adult: priorities in assessment and management
chapter- Understanding Sepsis

Caring for the seriously ill patient
chapter- Infection control and **sepsis**

eBooks

[Critical Care : Just the Facts](#) – eBook (use Open Athens)

Chapter:

- Sepsis, Severe Sepsis, and Septic Shock
- Early Goal-Directed Therapy for Sepsis
- An Approach to Sepsis of Unknown Etiology

[Evidence-based emergency medicine-](#) – eBook (use Open Athens)

Chapter:

- Severe Sepsis and Septic Shock

[Adult emergency medicine at a glance](#) – eBook (use Open Athens)

Chapter:

- sepsis

[Paediatric intensive care](#) – eBook (use Open Athens)

Chapter:

- Sepsis and multiple organ failure

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