Sepsis is a rare but serious complication of an infection which, without quick treatment, can lead to multiple organ failure and death.

There are many resources available online and through the Barts Health Knowledge and Library Service (KLS) that can help you to learn more about the diagnosis and treatment of sepsis. This factsheet will direct you towards these resources and help you to make the most of the information available to you.

Overview
The following resources provide a good overview of Sepsis, touching on key issues such as diagnosis and treatment.

- **NICE Guidance** – Sepsis, recognition, diagnosis and early management
- **NICE Sepsis Pathway** provides an interactive flowchart of the evidence available through NICE
- **UK Sepsis Trust** provide information and educational tools which can help you to understand more about sepsis
- **Sepsis Alliance** is the American organisation dedicated to raising awareness of sepsis
- **Surviving Sepsis Campaign** was created by the Society of Critical Care Medicine with the intention of promoting immediate management and good practice

Journals and databases
There is a lot of research being done about sepsis and you can keep up to date with the latest research using some of these databases:

- Barts Health EBSCO Discovery Tool
- Clinical Key
- Healthcare Databases Advanced Search

You can also register for monthly updates on the latest sepsis research (along with other topics of interest) by signing up for our KnowledgeShare current awareness service by filling out [this form here](#).

You need to have an OpenAthens account to login to many of our databases. To register for OpenAthens, click here.

Point-of-care tools
Our point-of-care tools DynaMed and UpToDate contain clinical summaries for the diagnosis and treatment of sepsis for adults and children, along with other related topics which you can search for. You can access these tools via OpenAthens or from a Trust PC.

Sepsis in adults
Here are the links to the relevant pages in our point-of-care tools:

- **DynaMed** - Sepsis in adults
- **DynaMed** - Sepsis treatment in adults
- **UpToDate** – Sepsis syndromes in adults: Epidemiology, definitions, clinical presentation, diagnosis, and prognosis
- **UpToDate** – Evaluation and management of suspected sepsis and septic shock in adults
**Sepsis in children**

Here are the links to the relevant pages in our point-of-care tools:

- DynaMed – Sepsis in children
- DynaMed – Sepsis treatment in children
- UpToDate – Clinical features, evaluation, and diagnosis of sepsis in term and late preterm infants
- UpToDate – Management and outcome of sepsis in term and late preterm infants
- UpToDate – Systematic inflammatory response syndrome (SIRS) and sepsis in children: Definitions, epidemiology, clinical manifestations, and diagnosis

**NEWS2 Resources**

The revised National Early Warning Score is a scoring system for identifying acutely ill patients, including those with sepsis. Some resources on this system include:

- Royal College of Physicians - a summary of the latest version, as well as other resources
- Medicines & Healthcare Regulatory Agency (MHRA) have released a report of resources to support the safe adoption of NEWS2
- The BMJ published a short article entitled: ‘NEWS 2: an opportunity to standardise the management of deterioration and sepsis’
- The National Early Warning Score online training resource also contains more information on the guidelines and downloadable resources.

**Patient information**

For patient information on sepsis, the following resources may help:

- NHS Choices – Sepsis
- Patient UK – Sepsis
- National Institute of General Medical Sciences (America) – Sepsis
- Kids Health – Sepsis
- Centers for Disease Control and Prevention (America) – Get Ahead of Sepsis

**Other resources**

Other resources are also available for sepsis, such as:

- The Sepsis Game – a board game where questions on sepsis facilitate discussion among the players and allow them to share learning and best practice. The Sepsis Game is available through Barts Health Knowledge and Library Services.
- The Resus Room Podcast – a breakdown and discussion of the available evidence with full references
- Biomérieux podcasts – a series of podcasts on Sepsis by American medical professionals

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For more information or for help, please email library.enquiry@bartshealth.nhs.uk or visit our ‘Digital Library’ page on WeShare

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