The sepsis app – a collaboration between NHS Education for Scotland and Healthcare Improvement Scotland – provides:

- A national early warning scoring system calculator to alert clinicians to the deteriorating patient and acute illness.
- A qSOFA criteria calculator to identify adults with proven or suspected infection who are likely to have a prolonged ICU stay or die in hospital.
- An outline of the sepsis 6 care bundle for the treatment of sepsis.
- An algorithm to help identify sepsis and organ dysfunction, septic shock and when to escalate care for the individual patient.

Available at: http://www.knowledge.scot.nhs.uk/home/portals-and-topics/sepsis-app.aspx

The app is free and is available for both Android and iOS devices.
(2) National Early Warning Score (NEWS) e-Learning module

The aim of the NEWS NHS Scotland e-Learning module is to support healthcare staff to develop and maintain competency in the use of NEWS.

The module includes information on:

- The physiological parameters included in NEWS.
- The role of NEWS in screening for sepsis.
- The use of NEWS in treatment escalation planning.
- Changes from NEWS to NEWS2.
- 11 short questions to test knowledge.

(3) NHS Education for Scotland (NES) Sepsis Interest Group

The virtual NES Sepsis Interest Group aims to support a coordinated approach to sepsis management.

Further information from: Helene.Marshall@nes.scot.nhs.uk

(4) Turas Learn

This page offers introductory information on sepsis, with links to other resources.

Available at: https://learn.nes.nhs.scot/1010/patient-safety-zone/patient-safety-priorities/sepsis
This course supports maternity staff dealing with obstetric emergencies. All course participants receive a manual which contains a chapter on sepsis.

Available at:
http://www.scottishmaternity.org/scottie.htm
http://www.knowledge.scot.nhs.uk/smmdp.aspx

Further information:
Contact: Helene.Marshall@nes.scot.nhs.uk

(5) Sepsis Chapter in ‘Scottish Core Obstetric Teaching and Training in Emergencies’ (SCOTTIE) Course
(6) Sepsis Chapter in ‘Scottish Maternity Recognition, Evaluation, Assessment, Critical Treatment and Stabilisation (REACTS) High Dependency Unit (HDU)’ Course

This course enhances staff skills and knowledge in the recognition and management of critically ill obstetric women requiring high dependency care. All course participants receive a manual, which contains a chapter on sepsis.

Available at:
https://www.scottishmaternity.org/scottish-maternity-reacts.htm

http://www.knowledge.scot.nhs.uk/smmdp.aspx

Further information:
Contact: Helene.Marshall@nes.scot.nhs.uk
(7) Maternal Sepsis e-Learning Package

This online package aims to support maternity care practitioners to spot the early warning signs of sepsis and take appropriate action. Simulated real-life scenarios are included to aid learning and teaching.

The package is available to NHS Scotland Health Boards via the ‘learnPro NHS’ site. It is also available publicly.

The resource has been developed by the Scottish Multi-Professional Maternity Development Programme (SMMDP) in collaboration with Healthcare Improvement Scotland and NHS Scotland.

Available at:
https://www.scottishmaternity.org/maternal-sepsis-e-learning.htm


Further information:
Contact: Helene.Marshall@nes.scot.nhs.uk
### Related Resources

| (8) Aseptic Technique e-Learning programme | Comprised of seven modules, this programme offers healthcare staff with the knowledge and understanding of aseptic technique, and its importance in preventing infection associated with invasive devices. | Available online: [http://ow.ly/UujX303G0Ok](http://ow.ly/UujX303G0Ok)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
|---|---|---|
| (9) Urinary Catheterisation | Comprised of seven units, this e-Learning module aims to support healthcare practitioners who are involved in the delivery of care for patients with urinary catheters (in NHS and non-NHS settings). A workbook that accompanies each of the units is also available. | Available online: [http://ow.ly/smnh303G8BC](http://ow.ly/smnh303G8BC)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
| (10) Recognising Surgical Site Infections | This resource aims to improve practice in the diagnosis and reporting of Surgical Site Infection (SSI), and to aid understanding of the implications of a SSI on the patient. Available as an online module, a pocket guide and a ‘train the trainer’ presentation. | Available online: [http://ow.ly/zYW7303G9ix](http://ow.ly/zYW7303G9ix)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
### Related Resources

| (11) Skin Tears – Prevention, Assessment and Management | This resource is available in video and workbook formats and aims to support the implementation and best practice on the prevention and management of skin tears in all healthcare settings. | Available online: [http://ow.ly/cE1C303GhJD](http://ow.ly/cE1C303GhJD)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
| (12) Promotion of Continence and the Assessment of Bladder Dysfunction in Adults | This e-Learning module provides staff working in health and social care with the necessary knowledge of the causes of incontinence and the treatment options available. Practitioners can assist patients to maintain continence, and where possible, avoid the insertion of an indwelling urethral catheter. | Available online: [http://ow.ly/ZRvg303G9V2](http://ow.ly/ZRvg303G9V2)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
| (13) Prevention and Management of Pressure Ulcers | This e-Learning module aims to help health and social care staff to understand pressure ulcers: how they form; how they are treated; and crucially how they can be prevented. This resource is also available as a hard copy reference book. | Available online: [http://ow.ly/bRgu303GdXl](http://ow.ly/bRgu303GdXl)  
Contact: [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
Appendix

Other information:

• Sepsis is a potentially life-threatening condition triggered by an infection.
• The body’s immune system goes into overdrive, setting off a series of reactions, including inflammation and blood clotting.
• This can lead to a significant decrease in blood pressure, which can mean that the blood supply to vital organs is reduced.
• Symptoms of sepsis may include fever or chills, elevated heart rate, and rapid breathing. Other symptoms can include severe muscle pain, slurred speech, pale or mottled skin, and confusion or disorientation.
• In the UK, it is estimated that there are 150,000 cases of sepsis every year, and over 40,000 of these are severe cases.


Feedback: https://response.questback.com/nhseducationforscotland/sepsis