This document presents some NHS Education for Scotland (NES) Sepsis Educational Resources. Other related resources which may be of interest are also presented. This overview is in support of the ‘Patient Safety Essentials’ and ‘Safety Priorities’ for Acute Adult Safety (CEL 19/2013)


For further information, contact Dr Nancy El-Farargy (Nancy.El-Farargy@nes.scot.nhs.uk).

(1) NHS Scotland National Early Warning Score (NEWS) and Sepsis Screening Tool

- This iPhone and Android app – a collaboration between NHS Education for Scotland and the Scottish Patient Safety Programme – provides:
  - A national early warning scoring system to alert clinicians to the deteriorating patient and acute illness.
  - The app is currently being updated to include a section on maternal health.
- Further information:
  - Derek.Boyle@nes.scot.nhs.uk
(2) NES Sepsis Interest Group

- A (currently) virtual group to support a coordinated approach to sepsis management.
- Further information:
  - Helene.Marshall@nes.scot.nhs.uk

(3) Quality Improvement Hub – Sepsis Page

- This NES contributed page provides introductory information on sepsis, with links to other resources.
- Available at: [http://www.qihub.scot.nhs.uk/safe/sepsis.aspx](http://www.qihub.scot.nhs.uk/safe/sepsis.aspx) (page last revised 2014)
- Further information: Derek.Boyle@nes.scot.nhs.uk
(4) Publication: Sepsis chapter in ‘Scottish Core Obstetric Teaching and Training in Emergencies’ (SCOTTIE) Course

- This course supports maternity care staff dealing with obstetric emergencies. This manual is sent to candidates attending the course.
- Further information:
  - [http://www.knowledge.scot.nhs.uk/smmdp.aspx](http://www.knowledge.scot.nhs.uk/smmdp.aspx)
  - Helene.Marshall@nes.scot.nhs.uk

(5) Publication: 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. This manual is sent to candidates attending the course.
- Further information:
  - [http://www.knowledge.scot.nhs.uk/smmdp.aspx](http://www.knowledge.scot.nhs.uk/smmdp.aspx)
  - Helene.Marshall@nes.scot.nhs.uk
(6) 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 currently being made available to Health Boards via the ‘learnPro’ site.
- Available at:
- Further information:
  - Helene.Marshall@nes.scot.nhs.uk
(7) Webinar: Principles of infection and sepsis management

• This webinar was recorded in 2012 and presents the principles of infection and sepsis management.
• This recording is used as part of Vocational Training (password required for access).
• Further information:
  • Fiona.McMillan@nes.scot.nhs.uk

(8) Webcast: Diagnosis and treatment of sepsis

• This presentation was recorded in May 2013 at a specialist training event for Scottish Antimicrobial Pharmacists.
• This recording is used as part of Vocational Training (also available via ‘Vimeo’).
• Further information:
  • Fiona.McMillan@nes.scot.nhs.uk
(9) Aseptic Technique e-Learning Programme

- This e-Learning programme unravels existing rituals and provides clarity and structure to the application of Aseptic Technique in the health and care setting.
- The programme consists of the following eight modules:
  1. Principles of Aseptic Technique
  2. Insertion of a Peripheral Vascular Catheter
  3. Taking a Blood Culture Sample
  4. Inserting an Indwelling Urethral Catheter
  5. Applying Aseptic Technique when carrying out Wound Care
  6. Taking a Specimen for Microbial Examination
  7. Long Term Central Vascular Access Devices
  8. Management of Arteriovenous Fistula (AVF)
- Available via ‘learnPro’.
- Further information:
  - Sarah.Freeman@nes.scot.nhs.uk
### Related Resources of Interest

<table>
<thead>
<tr>
<th></th>
<th>E-Learning: Urinary Catheterisation</th>
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|     | • This module provides knowledge in practical skills for those involved in the delivery of care for patients/clients with urinary catheters in the NHS and non NHS setting.  
|     | • Launched 2011.  
|     | • Further information:  
|     | • [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |

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<tr>
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<th>E-Learning: Recognising Surgical Site Infection</th>
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|     | • Educational resources to improve practice in 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.  
|     | • Launched June 2015.  
|     | • Further information:  
|     | • [Sarah.Freeman@nes.scot.nhs.uk](mailto:Sarah.Freeman@nes.scot.nhs.uk) |
## Related Resources of Interest

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<tr>
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<th>E-Learning: Promotion of Continence and the Assessment of Bladder Dysfunction in Adults</th>
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<td>12</td>
<td>- This module provides staff working in health and social care, with the necessary knowledge in the causes of incontinence and the treatment options available. Practitioners can assist patients/clients to maintain continence and where possible, avoid the insertion of an indwelling urethral catheter.</td>
</tr>
<tr>
<td></td>
<td>- Launched June 2015.</td>
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<td></td>
<td>- Further information:</td>
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<tr>
<td></td>
<td>- <a href="mailto:Sarah.Freeman@nes.scot.nhs.uk">Sarah.Freeman@nes.scot.nhs.uk</a></td>
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<th>E-Learning: Prevention and Management of Pressure Ulcers – Tissue Viability</th>
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<td>13</td>
<td>- This 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.</td>
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<td>- This module is also available as a hard copy reference and workbook.</td>
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<td>- Further information:</td>
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<td></td>
<td>- <a href="mailto:Sarah.Freeman@nes.scot.nhs.uk">Sarah.Freeman@nes.scot.nhs.uk</a></td>
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<th>Video and Workbook: Skin Tears – Prevention, Assessment and Management</th>
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</table>
| 14 | **Educational resources to support implementation and best practice on the prevention and management of skin tears in all healthcare settings.**  
|    | • Launched June 2015.  
|    | • Further information:  
|    |   • Sarah.Freeman@nes.scot.nhs.uk |

<table>
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<tr>
<th></th>
<th>Sepsis VTE Community Website</th>
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</table>
| 15 | **This community site is used to share resources and learning to improve care delivery in sepsis and Venous Thromboembolism.**  
|    | • Created December 2011.  
|    | • Available at:  
|    |   • [http://www.knowledge.scot.nhs.uk/sepsisvte/sepsis.aspx](http://www.knowledge.scot.nhs.uk/sepsisvte/sepsis.aspx)  
|    | • Further information:  
|    |   • Note: This site is hosted on the NHS Education for Scotland Knowledge Network and staff at Healthcare Improvement Scotland administer it. |
Appendix - Sepsis

• 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.
• In the UK, it is estimated that over 100,000 people are admitted to hospital with sepsis each year – and over 30,000 of these are severe cases.
• Reducing the sepsis mortality rate is one of the key priority areas of the Scottish Patient Safety Programme.


