Saving Lives

Sepsis

Improving Practice & Outcomes

Thursday 9th November 2023
Virtual Conference

Chair and Speakers Include:

**Dr Ron Daniels BEM**
Consultant in Anaesthesia and Intensive Care
University Hospitals Birmingham NHS Foundation Trust
Vice President Global Sepsis Alliance
Executive Director UK Sepsis Trust
Vice President Global Sepsis Alliance and
Senior Lecturer Queen Mary’s University London

**John Welch**
Nurse Consultant for Critical Care and Critical Care Outreach (PERRT) and Trust Sepsis Lead
University College London Hospitals NHS Trust
“5 people die with sepsis every hour in the UK.”
UK Sepsis Trust 2023

“Every 3 seconds, someone in the world dies of sepsis. In the UK alone, 245,000 people are affected by sepsis with at least 48,000 people losing their lives in sepsis-related illnesses every year. This is more than breast, bowel and prostate cancer combined. Globally, sepsis claims 11 million lives a year. Yet, for many patients, with early diagnosis it is easily treatable...”
UK Sepsis Trust 2023

“Sepsis represents a huge burden on the NHS. Every year, it is estimated that more than 44,000 people die because of sepsis and 80,000 suffer permanent, life changing after-effects. It is estimated that current practice for diagnosis and treatment could be costing the UK economy up to £15.6 billion annually.”
Infection Management Coalition White Paper, February 2022

“Managing the timely and accurate diagnosis of infections presents substantial challenges for the NHS, with approximately 130,000 patient blood stream infection episodes in England per year, with an acute trust having approximately 870 episodes per year on average.”
NHS England April 2023

“Remember that sepsis represents the severe, life-threatening end of infection. The key to improving outcomes is early recognition and prompt treatment, as appropriate, of patients with suspected or confirmed infection who are deteriorating and at risk of organ dysfunction. By the time the diagnosis becomes obvious, with multiple abnormal physiological parameters, risk of mortality is very high. Your clinical judgement is crucial to how you approach the individual patient.”
BMJ Best Practice 2023

This conference focuses on ensuring early diagnosis and effective management of Sepsis, and improving outcomes through effective after care following sepsis infection.

“For many sepsis patients in the UK, aftercare has been an area where they have continually felt “let down”
Infection Management Coalition White Paper, February 2022

This conference will enable you to:
- Network with colleagues who are working to improve practice in the early recognition and management of Sepsis
- Reflect on the lived experience of a Sepsis Survivor
- Understand Sepsis risk for Covid-19 survivors
- Learn from outstanding practice in reducing mortality from Sepsis
- Improve the way you recognize and respond to the deteriorating patient
- Develop your skills in Sepsis Leadership
- Understand how you can improve antibiotic prescribing for critically ill patients with suspected sepsis
- Ensure you are meeting National Standards in ensuring early diagnosis and effective management of Sepsis
- Develop the role of the sepsis nurse and sepsis champions
- Understand how digital tools and alerts can improve practice
- Reflect upon how outcomes can be improved and mortality reduced in sepsis patients
- Consider the impact of anti microbial resistance on the management of sepsis
- Understand and learn from Sepsis Clinical Negligence Claims
- Self assess and reflect on your own practice
- Supports CPD professional development and acts as revalidation evidence. This course provides 5 Hrs training for CPD subject to peer group approval for revalidation purposes
10.00  
**Chair’s Introduction & Welcome**

**Dr Ron Daniels BEM**  
Consultant in Anaesthesia and Intensive Care, University Hospital, Birmingham NHS Foundation Trust  
Vice President, Global Sepsis Alliance; Executive Director, UK Sepsis Trust; Vice President, Global Sepsis Alliance and Senior Lecturer, Queen Mary’s University, London

10.10  
**A Lived Experience**

**Jessica Tuffield**  
Patient Representative, Volunteer and Sepsis Survivor  
The UK Sepsis Trust

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10.40  
**EXTENDED SESSION: The Changing Landscape of Sepsis: Where Are We Now**

**Dr Ron Daniels BEM**  
Consultant in Anaesthesia and Intensive Care  
University Hospitals Birmingham NHS Foundation Trust  
Vice President General Global Sepsis Alliance  
Executive Director UK Sepsis Trust  
Vice President Global Sepsis Alliance  
and Senior Lecturer Queen Mary’s University London

- why is it so important to focus on Sepsis as the leading cause of deterioration?  
- reducing mortality and morbidity from sepsis  
- Sepsis and Covid-19: Covid-19 survivors are more at risk of Sepsis  
- recognising Sepsis in Covid-19 survivors: training and educating staff and patients  
- pre hospital Sepsis – spotting the early signs  
- improving aftercare following Sepsis infection  
- an update from the UK Sepsis Trust

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11.40  
**Comfort Break & Virtual Networking**

12.10  
**EXTENDED SESSION: Sepsis Leadership in Acute Care**  
Meeting National Standards in Ensuring Early Diagnosis and Effective Management of Sepsis

**John Welch**  
Nurse Consultant for Critical Care and Critical Care Outreach (PERRT) and Trust Sepsis Lead  
University College London Hospitals NHS Trust

This extended session will focus on the monitoring adherence to the national standards and priority areas for improvement including:

- how can we ensure timely treatment?  
- how can we improve practice for people at low risk of Sepsis to ensure they recognise the symptoms: improving awareness and information  
- effective management of Sepsis  
- Sepsis in Covid-19 survivors – raising awareness  
- remote monitoring – an update from the Nightingale study

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12.45  
**Small Breakout Groups Led by John Welch - Discussion and Case Review**

13.00  
**Lunch Break & Virtual Networking**

13.30  
**Improving Sepsis Awareness and Developing The Role of Sepsis Champions**

**Heman Joshi**  
Clinical Lead for Sepsis  
Cambridge University Hospitals NHS foundation Trust

- improving sepsis awareness  
- improving communication and developing the role of ward sepsis champions  
- the role of technology in early identification: the red flag sepsis alert  
- our experience in training staff to recognise sepsis

14.00  
**Improving Outcomes in Sepsis**

**Dr Ruchi Joshi**  
Clinical Director for Emergency Medicine & Sepsis Lead  
Walsall Healthcare NHS Foundation Trust

- early detection of deteriorating patients in both acute and pre-hospital settings  
- reducing cardiac arrests and improving outcomes  
- the role of Quality Improvement in Sepsis management and patient safety  
- improving after care following sepsis infection

14.30  
**Digital Monitoring For Sepsis**

**Dr Runa Lazzarino**  
Qualitative Research Fellow  
University of Oxford

- digital alerts for sepsis in three Trusts in England  
- the use/usefulness of digital alerts for sepsis/deterioration in different hospital units  
- what works well and what could improve in digital alerts for sepsis/deterioration

15.00  
**Comfort Break & Virtual Networking**

15.20  
**Towards Precision Medicine in Sepsis and Antimicrobial Resistance**

**Dr Stacy Todd**  
Consultant in Infectious Diseases and General Medicine  
Liverpool University

- impact of antimicrobial resistance locally and worldwide  
- the need to optimise delivery of care at an individual level  
- novel strategies and research

15.50  
**Learning from Sepsis Negligence Claims**

**Cassius Box**  
Senior Solicitor  
Capsticks Solicitors LLP

- learning from sepsis negligence claims  
- understanding and managing claims  
- case examples from acute and primary care

16.20  
**Chair’s Closing Remarks**
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Sepsis

This conference is on Zoom with interactive breakout sessions and a dedicated, secure landing page with resources available for three months after the event date.

Date
Thursday 9th November 2023

Conference Fee

- £295 + VAT (£354) for NHS, Social care, private healthcare organisations and universities.
- £250 + VAT (£300) for voluntary sector / charities.
- £495 + VAT (£594) for commercial organisations.

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