

Survive Sepsis

Improvement Collaborative



Aim

Improve identification and treatment of patients with suspected or confirmed sepsis to reduce inpatient sepsis mortality to less than 15% by World Sepsis Day 2017.

Recognise:

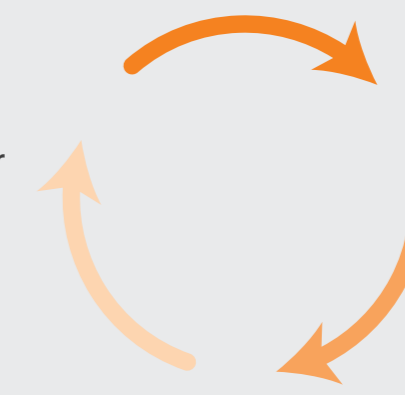
- Recognise infection
- Identifying source and red flags
- Clinical & laboratory indicators

Review & escalate:

- Communicate with senior
- Early investigations (radiology, laboratory, physical examination)
- Early source control

Resuscitate:

- Antibiotics
- Adequate oxygenation
- Adequate circulation
- Sterile Blood Cultures
- Fluids

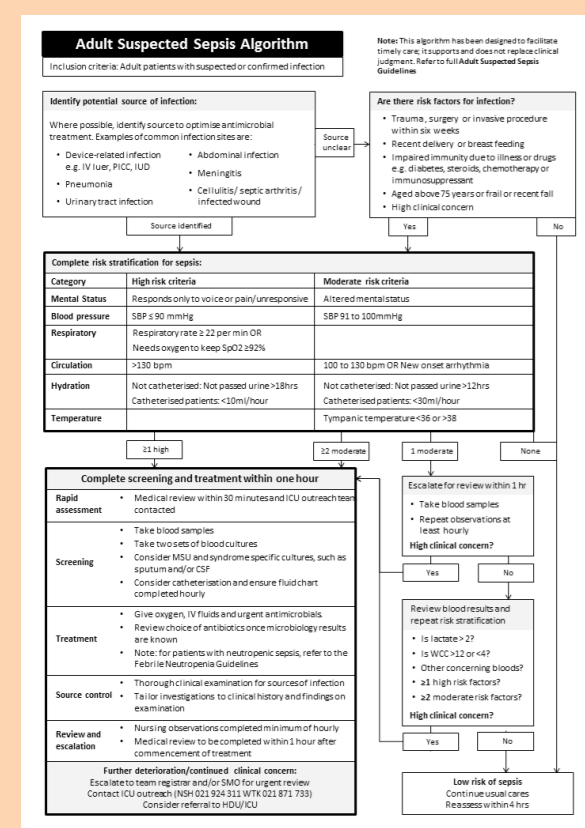


Best Practice Guidelines

Four sets of standardised evidence based guidelines across our in patient populations:

- Adult
- Paediatric
- Neonatal
- Maternity

Standardised Algorithm



Clinical eDecision Support – 2,500 visitors between January – June 2017



Available in eVitals

Clinical Education

Integrated into existing education structures:

- Train the trainer delivered by Expert Advisory Group Members
- Cascade learning approach for RN, RMO, HCA & Pharmacy
- Collaborations with other similar education, e.g. ISBAR training

Five standardised learning objectives

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Improvement

We recruited 21 nurse (RN) and junior doctor (RMO) teams for each of our adult inpatient ward areas.

Teams were supported by an innovation and improvement project manager (i3PM) who guided the process including use of improvement tools

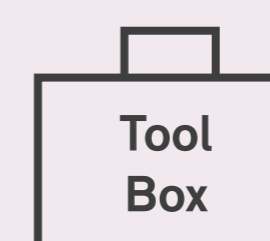
Multidisciplinary teams

- RN
- RMO

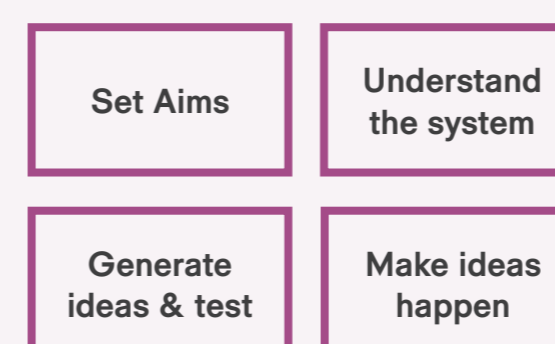


Tool Box

- 12 question kahoot! quiz
- 288 players



Structured Improvement Framework



Measures

We will report against the following measures to understand the impact of our improvement activities on clinical practice and patient outcomes.

Outcome

- Inpatient mortality
- ICU admissions

Process

- Reliable screening
- Prompt treatment
- Completeness of treatment

Balance

- Responsible antimicrobial use

Connected

StaffNet
Waitemata DHB

On average, Waitemata DHB has 44 adult patients every month suffering from sepsis or septic shock, **8 of whom will die**

