

Screening Tool



The WebV Screening Tool is an electronic tool for use on hand held devices, tablets and desk top PC's, which aids in the early identification and clinical notification for Sepsis, AKI and other items which can then subsequently reduce the significant risk of long term disability or death. For example the screening tool is automatically activated if a patient's Early Warning Score (NEWS) has been recorded as 5 or above, or if a single parameter is equal to 3, thereby acting as a prompt to ensure that Sepsis is considered in



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Module Origin

The Problem

Sepsis is a time-critical condition that can lead to organ damage, multi-organ failure, septic shock and eventually death. In the UK, it is conservatively estimated that 150,000 cases of sepsis occur every year, resulting in some 44,000 deaths.

According to a report released by the Parliamentary Health Service Ombudsman in 2014, better sepsis care could save 13,500 lives every year and save the NHS £314m annually.

The WebV Solution

In a bid to lower costs and improve patient outcomes, the Trust recognized that controlling Sepsis was a great place to start. The Trust recognized that ignoring that opportunity would be a huge mistake and therefore approached the in-house WebV Team to see if they could help develop an Infection Screening Tool. Taking advice from National Guidelines the team developed the WebV Screening Tool – a bolt on to the WebV Observations and Assessment (eObservation) module. It utilises functionality of the WebV eDocuments Module, but this module is not required in order to run the Screening Tool.

The benefits for patients, staff and the Trust

The benefits of the Sepsis Screening Tool are numerous, but the core ones could be defined as:

- Preventing avoidable cases of sepsis by early recognition
- Increasing awareness of sepsis amongst care professionals
- Improving identification and treatment of sepsis across whole care pathways
- Improving consistency of standards and reporting
- Ensuring appropriate antibiotic use
- A reduction in sepsis morbidity and mortality