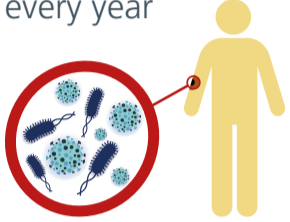


# Saving lives through sepsis success

Find out about the serious danger posed by sepsis, the factors that improve the chances of successful treatment, and the steps The Shrewsbury and Telford Hospital NHS Trust have taken to save lives.

## SEPSIS IS A MAJOR KILLER

**150,000**  
people get sepsis  
every year



**100,000**  
of which are admitted  
to hospital



**44,000**  
people  
die



**12,500**  
the number of deaths  
the UK Sepsis Trust  
feel can be prevented  
every year



Sepsis kills more people than **bowel + breast + prostate cancer combined**

## PREVENTING DEATH FROM SEPSIS

The most significant factors in diagnosing and treating sepsis successfully:

- Speed** of recognising symptoms of sepsis
- Speed** of diagnosing sepsis
- Speed** of treatment



The greatest chance of successful treatment occurs if patients are treated within the **'golden hour'**.

**For each hour of delay in treatment, mortality increases by 8%.**

## IMPROVING THE TREATMENT OF SEPSIS AT SaTH



**40+** number of staff involved in development of new sepsis processes

### Improvements made:

#### New sepsis trolley

The team introduced a bespoke sepsis trolley to store all of the items required to provide timely treatment for patients who are diagnosed with sepsis.

#### Sepsis box

Similar to the trolley, the box placed all the items required in one place in order that a diagnosis can be obtained quickly.

#### Early assessment tool

The tool provides the Clerk with an easy-to-use reference at the first point of contact with the patient, and gives the opportunity to raise the alarm if the patient is showing signs of sepsis.

#### Revised sepsis screening tool

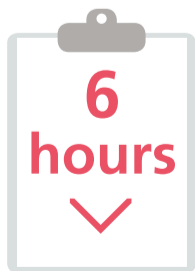
The previous version was not being used, as the teams did not find it user-friendly. A revised version was created by the frontline team, which increased compliance to 100%.

## SUCCESSSES AT SaTH

### Faster diagnosis



**60%** reduction in time to obtain initial diagnosis (76 to 30 minutes)

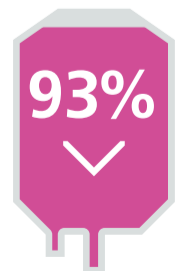


**6hr** reduction in time to turnaround blood sample (400 minutes to 7 minutes)

### Faster treatment



**83%** reduction in time to deliver antibiotics (now just 20 minutes)



**93%** reduction in time to deliver all elements of the sepsis 'bundle' (now just 30 minutes)