

# Medical Staff: What do you need to know about SPOT?

## What is SPOT?

Sepsis Prevention and Optimization of Therapy (SPOT) is an application that monitors all patient labs and vitals in real time and uses the information to identify patients who are at risk for sepsis.

This emphasizes earlier identification of these patients to allow for timely treatment.

## How does SPOT work?

Real-time monitoring of patient labs and vitals:

- Looks for abnormalities in temperature, pulse rate, respiratory rate, and WBC count over time
- Reviews antibiotic and blood culture orders to determine if abnormality may be associated with an infection
- Triggers an alert when a patient meets defined criteria

## What is SPOT's impact on patient care?

Most sepsis screens are performed during shift assessments

When SPOT alerts, it is an indication that **now** is an optimal time to screen your patient for sepsis even if a recent screen was already performed

- This notification will come to the nurse from the monitor tech through a phone call or text message

**The goal is to complete a sepsis screen within 60 minutes of being notified**

## What are the benefits of SPOT?

- Serves as an early warning tool for potential sepsis
- The earlier the patient is screened positive for sepsis, the earlier the intervention can begin
- Assists the sepsis coordinator in driving efficient tracking and following up of by way of an automated list
- Observations have shown that SPOT provides on average, a 12 hour head start in identifying sepsis when compared to the shift assessment workflow