

IMPROVE SEPSIS RESPONSE TIMES WITH PULSE MOBILE



DECREASE SEPSIS MORTALITY RATES

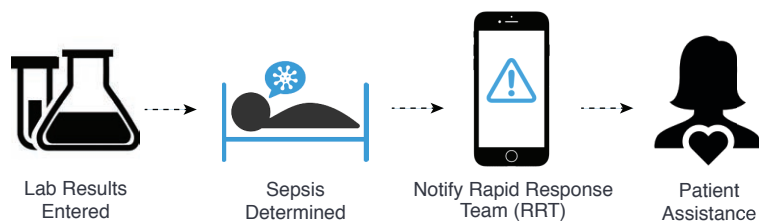


IMPROVE PATIENT OUTCOMES



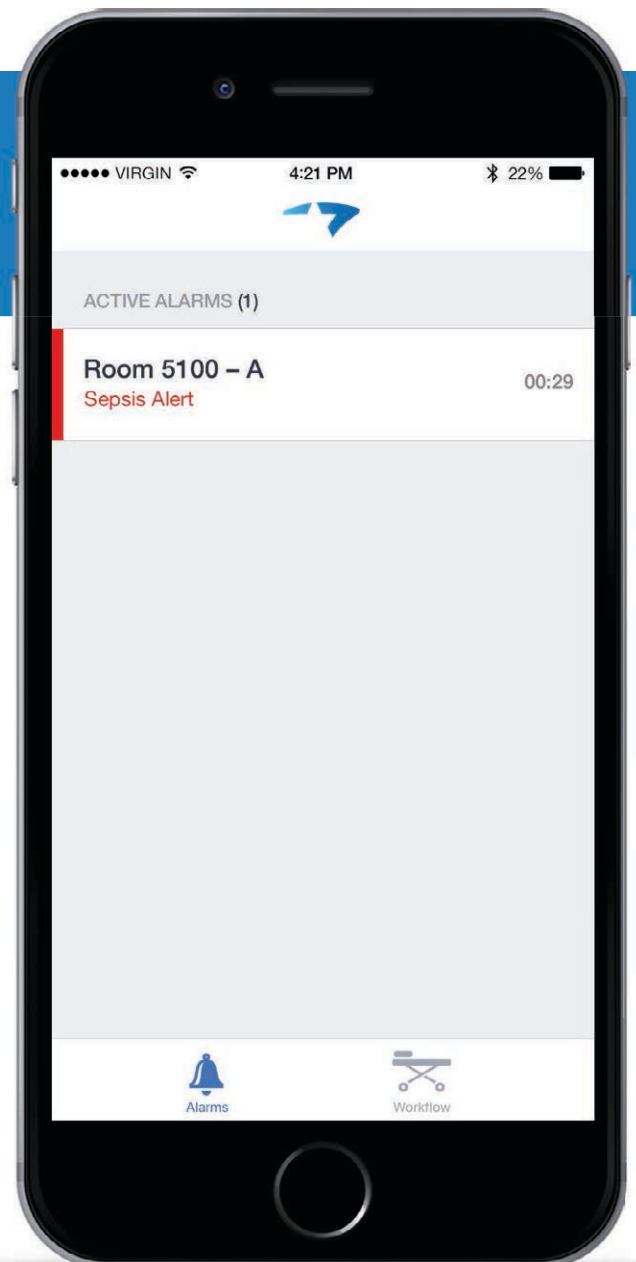
FASTER RAPID RESPONSE TEAM ALERTS

BETTER OUTCOMES DUE TO FAST SEPSIS ALERTING



- 1 Lab results are entered into the Electronic Medical Record (EMR).
- 2 Modified Early Warning System (MEWS) triggers a critical alert which is sent to the Tacera NCS.
- 3 Tacera sends a mobile alert to all rapid response team members over Pulse Mobile.
- 4 The patient receives life-saving intervention fast.

Avoid risks and delays resulting from manual steps. Pulse Mobile helps speed up response times and increase patient survival rates.



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CASE STUDY: WHY SEPSIS RAPID RESPONSE IS CRITICAL

Sepsis is a potentially life-threatening complication of an infection. Sepsis occurs when chemicals released into the bloodstream to fight the infection trigger inflammatory responses throughout the body. This inflammation can trigger a cascade of changes that can damage multiple organ systems, causing them to fail. If sepsis progresses to septic shock, blood pressure drops dramatically, which may lead to death.

<https://www.mayoclinic.org/diseases-conditions/sepsis/symptoms-causes/syc-20351214>

EXPEDITE RAPID RESPONSE TEAM ALERTS

CHALLENGE

To improve patient outcomes with faster intervention when a patient begins to show early symptoms of sepsis.

Sepsis is estimated to affect more than 30 million people worldwide every year, potentially leading to 6 million deaths.

<http://www.who.int/news-room/fact-sheets/detail/sepsis>

SOLUTION

Automate the notification of all members of the rapid response team automatically when a patient's vital signs signal an elevated modified early warning score (MEWS).

When Sepsis is detected, a message is sent to the Tacera EMR integration module which triggers an alarm within the Tacera Nurse Call System (NCS). Tacera Pulse then notifies all rapid response team members of the alert on their mobile devices. The team can then get to the patient bedside in a matter of moments from the time the alert is triggered.

