

**Early detection and rapid resuscitation are crucial to providing timely care to patients who are suspected to have Sepsis.**

## Possible Sepsis or Septic Shock

When at least one detail from the Organ Dysfunction criteria is documented, in addition to at least two SIRS criteria, the inpatient RN will receive a Possible Sepsis Alert.

### ➤ What does the IP RN do when the alert is received?

- Notify the provider to receive direction on patient care.
  - Document the notification in iView under **Adult Quick View** → **Provider Notification**.

## Possible Sepsis or Septic Shock

### ➤ Where does the Inpatient RN see the Sepsis alert?

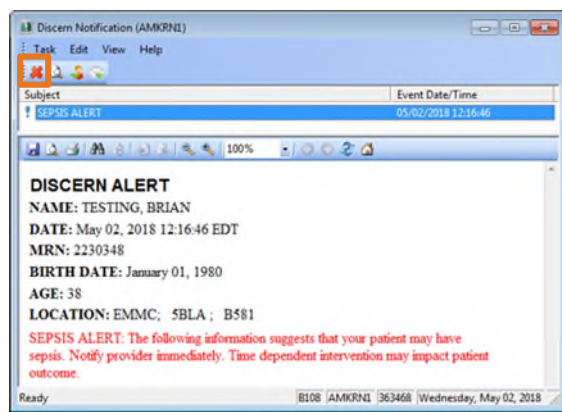
- CareCompass will display the sunburst icon indicating new information needs to be reviewed.
- The Discern Notification will also pop-up with appropriate messages:

#### **SEPSIS ALERT:**

The following information suggests that your patient may have sepsis. Notify provider immediately. Time dependent intervention may impact patient outcome.

#### **SEPTIC SHOCK ALERT:**

This patient has met criteria for SEPTIC SHOCK. Please notify the physician immediately.

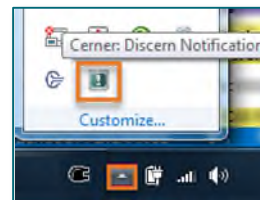


### ➤ Clearing the Discern Alert

- Click the **red X** in the upper left corner to clear the alert and prevent the same alert from continuing to pop up.

### ➤ How can the alert be cleared once the RN acknowledges it?

- If the alert window is closed without clearing the message, click the carat in the task bar and then the square icon with the exclamation point to reopen Discern Notifications.

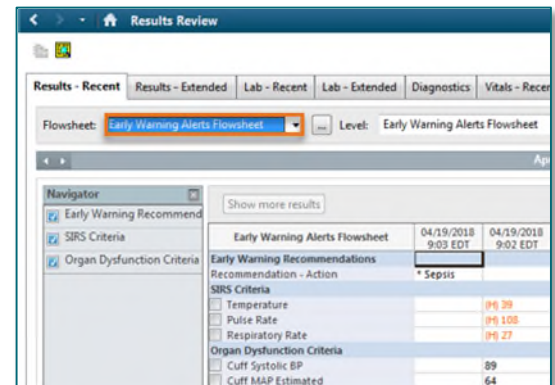


## Where can an RN look for Early Warning Alert details?

- There is an Early Warning Alert flowsheet available on Results Review. This includes what time the alert fired, the parameters associated with the alert, and when the provider was notified.

## Triggering Criteria

SIRS	Severe Sepsis	Septic Shock
<ul style="list-style-type: none"><li>• Patient will alert for SIRS when at least <b>3</b> of the following are true for the latest result over the past 30 hrs:<ul style="list-style-type: none"><li><input type="checkbox"/> Heart Rate <math>\geq 91</math></li><li><input type="checkbox"/> Temp <math>&lt;36</math> C or <math>\geq 38.4</math> C</li><li><input type="checkbox"/> Respiratory Rate <math>\geq 21</math></li><li><input type="checkbox"/> WBC <math>\leq 4</math> or <math>\geq 12</math> OR Bands <math>\geq 10.1\%</math></li><li><input type="checkbox"/> Glucose between 140 and 200</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Patient will alert for Severe Sepsis when there are <b>2</b> true SIRS criteria and at least 1 of the following signs of organ dysfunction:<ul style="list-style-type: none"><li><input type="checkbox"/> Creatinine increase of <math>\geq .5</math> mg/dL over 72 hours and <math>\geq 2.0</math> mg/dL</li><li><input type="checkbox"/> Lactate <math>\geq 2.1</math> mmol/L</li><li><input type="checkbox"/> SBP <math>&lt; 90</math> mmHg OR MAP <math>&lt; 65</math> mmHg OR SBP decrease <math>\geq 40</math> mmHg from baseline</li><li><input type="checkbox"/> Bilirubin <math>2.0</math> mg/dL <math>\leq x &lt; 10.0</math> mg/dL</li><li><input type="checkbox"/> Platelet count <math>&lt; 100,000</math></li><li><input type="checkbox"/> INR <math>&gt; 1.5</math></li></ul></li></ul>	<ul style="list-style-type: none"><li>• Patient will alert for Septic Shock when <b>2</b> SIRS criteria are true and at least 1 of the following....<ul style="list-style-type: none"><li><input type="checkbox"/> Lactic Acid <math>\geq 4.0</math> mmol/L within a 12 hr time period</li><li><input type="checkbox"/> Consecutive SBP of <math>&lt; 90</math> mm/Hg within 55 – 120 minutes of each other</li><li><input type="checkbox"/> MAP <math>&lt; 65</math> mm/Hg within 55 – 120 minutes of each other</li></ul></li></ul>



## Suppression Criteria

- A new Sepsis alert will not fire on the same patient for 48 hours.
- If the patient progresses to Shock, an alert will fire when the parameters are met.
  - A new SIRS/Sepsis/Shock alert will not fire for 48 hours.
- If the patient demonstrates improvement from Shock to Sepsis, no new alert will be triggered if the Sepsis Module has been activated or a Not Indicated reason has been documented.
- If a provider has ordered a specific PowerPlan, the Sepsis Advisor will be suppressed for an identified time frame.
  - 48 Hours for Cardiac Surgery PowerPlans
  - 8 Hours for Labor and Delivery PowerPlans
  - 4 Hours for Stroke, STEMI, Trauma and many Post-Op PowerPlans
  - Permanently suppressed for Pediatric Patients and Palliative Care, NEDS and Hypothermia PowerPlans