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## Caring for Patients with SIRS / Septic Shock

### How to Use the JHH Sepsis Navigator and Sepsis Order Sets

Starting on October 1<sup>st</sup> 2015, providers are required to perform specific actions and document them when caring for patients who may have SIRS or Septic Shock. To help guide you through the new requirements, the Epic team has created a new Sepsis Navigator and Order Set. This tip sheet will take you through the new functionality.

You may be alerted that a patient may have SIRS or Septic Shock through one of the following mechanisms:

- 1. Your own clinical assessment.
- 2. An alert when you enter the patient's chart.
- 3. A call from nursing services when Epic alerts them.

Once you have a clinical concern for SIRS or Septic Shock, use the following steps to help you evaluate and care for your patient.

### 🝺 Try It Out

1. Open the patient's chart in Epic and access the **Sepsis Navigator**. You'll find this Navigator under the **More Activities** button in the bottom left of the Epic Hyperspace window.







- 2. Review the first page of the navigator. This screen provides you guidance on the required next steps in the evaluation of your patient.
  - Sepsis Accordion Report

Sepsis Report 5

- 3. Access the Sepsis Report by clicking the blue **Sepsis Report** link. This link will provide you a focused look at your patient and help you evaluate the potential for SIRS or Septic Shock. You may also need additional information to evaluate your patient, which you can access by using the Chart Review and other activities in Epic. When you're finished, return to the **Sepsis Navigator**.
- 4. Open the Provider Sepsis Screening Tool by clicking the blue **Sepsis Screen** link.

#### 📝 Sepsis Screen

click to open

This tool will guide you through evaluating whether your patient meets criteria for SIRS or Septic Shock and offer you additional guidance on next steps to take, such as in the picture below:

🗹 Sepsis Screen							
Sepsis Screening Clear All							
Is the patient's history suggestive of a N	Yes No						
Suspected source(s) of infection:	Pneumonia	Empyema					
	<ul> <li>Urinary tract infection</li> </ul>	Acute abdominal infection					
	Meningitis	Skin/soft tissue infection					
	Bone/joint infection	Wound infection					
	Bloodstream catheter infection	Endocarditis					
	Implantable device infection	Suspect infection, source unknown					
Are TWO or MORE of the following SIRS CRITERIA both PRESENT and NEW to the patient?							
SIRS criteria:	Temperature > 38.3 C (101 F)	Temperature < 36.0 C (96.8 F)					
	Altered mental status	Heart rate (pulse) > 90 bpm					
	Respiration > 20/min	✓ WBC > 12 k/mcL					
	WBC < 4 k/mcL	WBC count > 10% bands					
Are at least ONE of the following ORGA	N DYSFUNCTION CRITERIA PRESENT?	Yes No					
Is the ORGAN DYSFUNCTION NEW to the patient?							
Organ dysfunction criteria:	Bilirubin > 2.0 mg/dL						
	✓ INR > 1.5 or aPTT > 60 secs						
	Creatinine > 2.0 mg/dL						
	Lactate > 2.0 mmoVL						
	Platelet count < 100,000/mcL						
SBP decrease > 40 mmHg from baseline							
SBP < 90 mmHg							
	MAP < 65 mmHg						
	Urine output < 0.5 mL/kg/hour for	2 hours					
Suspicion of Infection, at least two SIR for SEVERE SEPSIS:	S criteria and at least one Organ Dysf	unction are Present and New. This patient meets criteria					
PLACE ORDERS FOR: LACTIC ACID, BLOOD CULTURES, APPROPRIATE ANTIBIOTICS							
Time of presentation of severe sepsis		Now					

- 5. Create a Sepsis Evaluation Note by:
  - A. Click the **Progress Notes** link.
  - B. Access the JHM Sepsis Progress Note template by typing **.sepsisprogressnote** into the box. This template contains all the required documentation for SIRS or Septic Shock. Using it will greatly reduce the number of queries you receive for SIRS or Septic Shock.
  - C. Complete your sepsis evaluation note. To access the focused sepsis physical exam, right click on the orange **Sepsis** word in the note and select **Edit Smartblock (SEPSIS)**. If the NoteWriter tool does not

appear, move your note to the sidebar by clicking the <sup>the</sup> icon in the upper right of your note window, then right click on the orange **Sepsis** word.

6. When finished, select **Sign on Close** from the menu in the lower left and click the **Close** button to sign your note.

Sign on close	*						
(KK) Restore	✓ Close	F9 🗙 C	Cancel	1	Previous F7	Next	F8

7. Click on the **Manage Orders** link, click the **Go To Order Sets** button and enter **Sepsis**. Select the relevant order set for your entity This order set will guide you through choosing specific labs, fluid boluses, and initial antibiotic coverage to help care for your patient.

