

Location(s):	<input type="checkbox"/> ALL <input type="checkbox"/> Dearborn <input checked="" type="checkbox"/> Farmington Hills <input checked="" type="checkbox"/> Grosse Pointe <input checked="" type="checkbox"/> Royal Oak <input type="checkbox"/> Taylor <input type="checkbox"/> Trenton <input checked="" type="checkbox"/> Troy <input type="checkbox"/> Wayne <input type="checkbox"/> AMB BMG Offices <input type="checkbox"/> AMB Independent Offices <input type="checkbox"/> Other
Module:	<input type="checkbox"/> EpicCare AMB <input type="checkbox"/> ANC: _____ <input type="checkbox"/> ANES <input type="checkbox"/> ASAP <input type="checkbox"/> Beacon <input type="checkbox"/> Cupid <input type="checkbox"/> Device Integration <input checked="" type="checkbox"/> EpicCare Inpatient <input type="checkbox"/> Haiku/Canto <input type="checkbox"/> Lab <input type="checkbox"/> MISD <input type="checkbox"/> myChart <input type="checkbox"/> OpTime <input type="checkbox"/> RevCycle <input type="checkbox"/> Stork-OB <input type="checkbox"/> Willow (Rx)
Training Required:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Category:	<input type="checkbox"/> CMS <input checked="" type="checkbox"/> Core Measures <input type="checkbox"/> MU <input type="checkbox"/> PCMH <input type="checkbox"/> PQRS
Target Audience:	Nursing
Subject:	Adult Sepsis Screening Alert
Purpose:	
Effective Date:	3/14/2017

Adult Sepsis Screening Alert

On 03/14/2017, the Inpatient Adult Sepsis Screening Alert Pilot is being deployed throughout the medical/surgical departments at FH, GP, RO and TR.

Note: Excluded areas: Surgical Services, Critical Care, L&D, and EC (Exception-RO EC Inpatient Hold Patients).

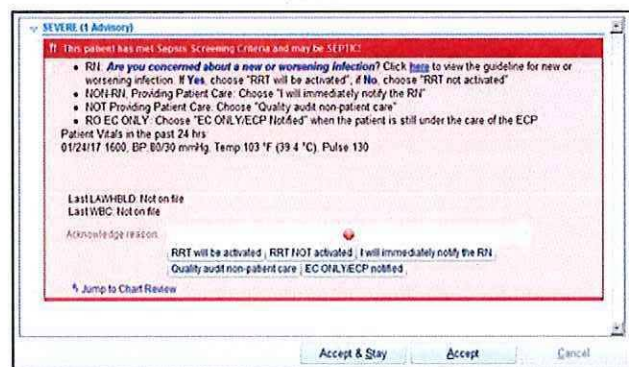
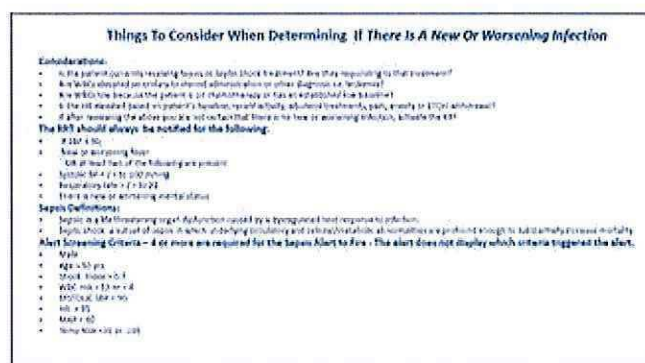
The Sepsis Surveillance Alert informs the caregiver that:

This patient has met Sepsis Screening Criteria and may be SEPTIC!

RN: BEFORE acknowledging, click the [here](#) hyperlink in the alert to view the guideline for new or worsening infection.

Review the following 4 topics on the **"Things to Consider When Determining if there is a new or worsening infection"** document:

- **Considerations**
- **The RRT should always be notified for the following**
- **Sepsis Definitions**
- **Alert Criteria**

You can use the **Jump to Chart Review** hyperlink to review the record

The alert displays the last filed values for:

- Vital signs
- Lactic acid
- WBC (White Blood Cell Count)

The alert displays 5 acknowledgements:

- RRT will be activated
- RRT not activated
- I will immediately notify the RN
- Quality audit non-patient care
- EC ONLY/ECP NOTIFIED

IMPORTANT TO NOTE: The RRT has received specialized sepsis screening response training. The RN should have no hesitancy activating the RRT if there is concern for a new or worsening infection, **or** if the RN is not 100% confident that there is **NOT** a concern for new or worsening infection.

IMPORTANT when choosing RRT NOT activated - a required comment field will display. Document rationale in this comment field.

NON RN, PROVIDING PATIENT CARE - choose: I will immediately notify the RN

NOT PROVIDING PATIENT CARE - choose: Quality audit non-patient care

EC ONLY/ECP NOTIFIED - (RO EC ONLY): This acknowledgement should only be used when the patient is still in the care of the ECP

Sepsis Screening Criteria will display in flowsheet above the screening questions

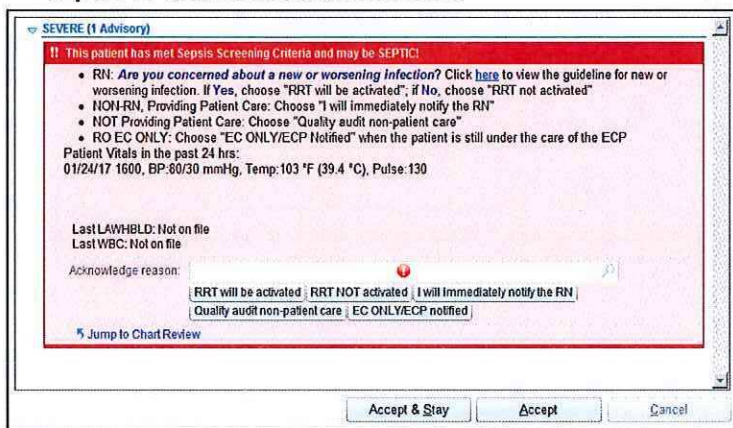
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Training Required:	<input type="checkbox"/> Yes <input type="checkbox"/> No						
Category:	<input type="checkbox"/> CMS <input checked="" type="checkbox"/> Core Measures <input type="checkbox"/> MU <input type="checkbox"/> PCMH <input type="checkbox"/> PQRS						
Target Audience:	Physicians						
Subject:	Expansion of the Adult Inpatient Sepsis Screening						
Purpose:	To Inform						
Effective Date:	3/14/2017						

Expansion of the Adult Inpatient Sepsis Screening

On March 14th, 2017, a new Sepsis Screening Best Practice Advisory (BPA) will display for Nursing in the Med/Surg depts. at FH, GP, RO and TR.

This BPA will have a link to the document 'Things To Consider When Determining If There Is A New Or Worsening Infection' which will allow the nurse to complete the BPA.

In the event that the Rapid Response Team is activated, Providers may receive a call from the RRT responder with a report of their bedside assessment.



Things To Consider When Determining If There Is A New Or Worsening Infection

Considerations:

- Is the patient currently receiving Sepsis or Septic Shock treatment? Are they responding to that treatment?
- Are WBCs elevated secondary to steroid administration or other diagnosis i.e. leukemia?
- Are WBCs low because the patient is on chemotherapy or has an established low baseline?
- Is the HR elevated based on patient's baseline, recent activity, albuterol treatments, pain, anxiety or ETOH withdrawal?

The RRT should always be notified for the following:

- If SBP < 90
- New or worsening fever
- OR at least two of the following are present:
 - Systolic BP < / = to 100 mmHg
 - Respiratory rate > / = to 22
 - There is new or worsening mental status

Sepsis Definitions:

- Sepsis is a life threatening organ dysfunction caused by a dysregulated host response to infection.
- Septic shock: a subset of sepsis in which underlying circulatory and cellular/metabolic abnormalities are profound enough to substantially increase mortality.

Alert Screening Criteria – 4 or more are required for the Sepsis Alert to Fire - The alert does not display which criteria triggered the alert.

- Male
- Age > 50 yrs.
- Shock Index > 0.7
- WBC risk > 12 or < 4
- Systolic SBP < 90
- HR > 95
- MAP < 60
- Temp Risk < 36 or > 38

Screen shot of Actual Alert Clinical Nurse will receive when the Sepsis BAP Triggers

!! This patient has met Sepsis Screening Criteria and may be SEPTIC!

- RN: **Are you concerned about a new or worsening infection?** Click [here](#) to view the guideline for new or worsening infection. If **Yes**, choose "RRT will be activated"; if **No**, choose "RRT not activated"
- NON-RN, Providing Patient Care: Choose "I will immediately notify the RN"
- NOT Providing Patient Care: Choose "Quality audit non-patient care"
- RO EC ONLY: Choose "EC ONLY/ECP Notified" when the patient is still under the care of the ECP

Patient Vitals in the past 24 hrs:
01/25/17 1700, BP:80/30 mmHg, Temp:103 °F (39.4 °C), Pulse:130

Last LAWHBLD=2.1 on 1/25/2017
Last WBC=12.5 on 1/25/2017

Acknowledge reason:

[Jump to Chart Review](#)

Screen shot of guideline for new or worsening infection.

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- Are WBCs elevated secondary to steroid administration or other diagnosis i.e. leukemia?
- Are WBCs low because the patient is on chemotherapy or has an established low baseline?
- Is the HR elevated based on patient's baseline, recent activity, albuterol treatments, pain, anxiety or ETOH withdrawal?
- If after reviewing the above you are not certain that there is no new or worsening infection, activate the RRT

The RRT should always be notified for the following:

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1/6/2017