

KNOW SEPSIS: INSIDE & OUT

The Sepsis Team is happy to announce the new Sepsis Early Alerting and Advisor system. Navicent is implementing this system to improve the early recognition of Sepsis throughout the hospital. You will begin to see alerts on patients with signs and symptoms of Sepsis upon opening a patient's chart with Sepsis criteria. These alerts will assist you in early recognition, intervention, documentation, and evidence based treatment of septic patients.

Who: All Providers caring for patients >18

What: New workflow with Sepsis Alerts and Sepsis Advisor

When: February 14, 2017

Where: The Medical Center Navicent Health and The Medical Center Peach County Navicent Health

We are very excited to share with you that the Navicent Health/Cerner St. Johns Sepsis Advisor® education is now ready for you to view via a Computer Based Training Module (CBT), Sepsis Folder. Please complete the Computer Based module prior to Feb. 14, 2017.

You may access the CBT by using the link below or following the directions:

http://w3.mccg.org/EHR_CBT/CBT/Physicians_Providers/SEPSIS/Sepsis%20Advisor%20for%20Physicians/multiscreen.html

ACCESSING A WEB BASED TUTORIAL from OUTSIDE the Hospital

1. Open an Internet browser. **Make sure that you are using Chrome, Firefox or Internet Explorer 9 or later.**
2. Go to www.navicenthealth.org.
3. Hover over the Healthcare Professionals link.
4. Click on EHR Education, Training and Support.

ACCESSING A WEB BASED TUTORIAL from INSIDE the HOSPITAL

1. *Open the Hospital Intranet. Make sure that you are using Chrome, Firefox or Internet Explorer 9 or later*
2. *Click on Departments*
3. *Click on Clinical Informatics*
4. *Under DCI Quick Links click on the EHR, Training and Support CBT Page.*

Thank you for your continued support to improve Sepsis care at Navicent.

If you have problems, please call the CSC at 37272 and you will be directed to the appropriate resource.

Department of Clinical Informatics and

Linda G. Pender RRT-NCPS

Sepsis Coordinator

Patient Care Services Administration

phone: 478-633-6806 pager: 4444

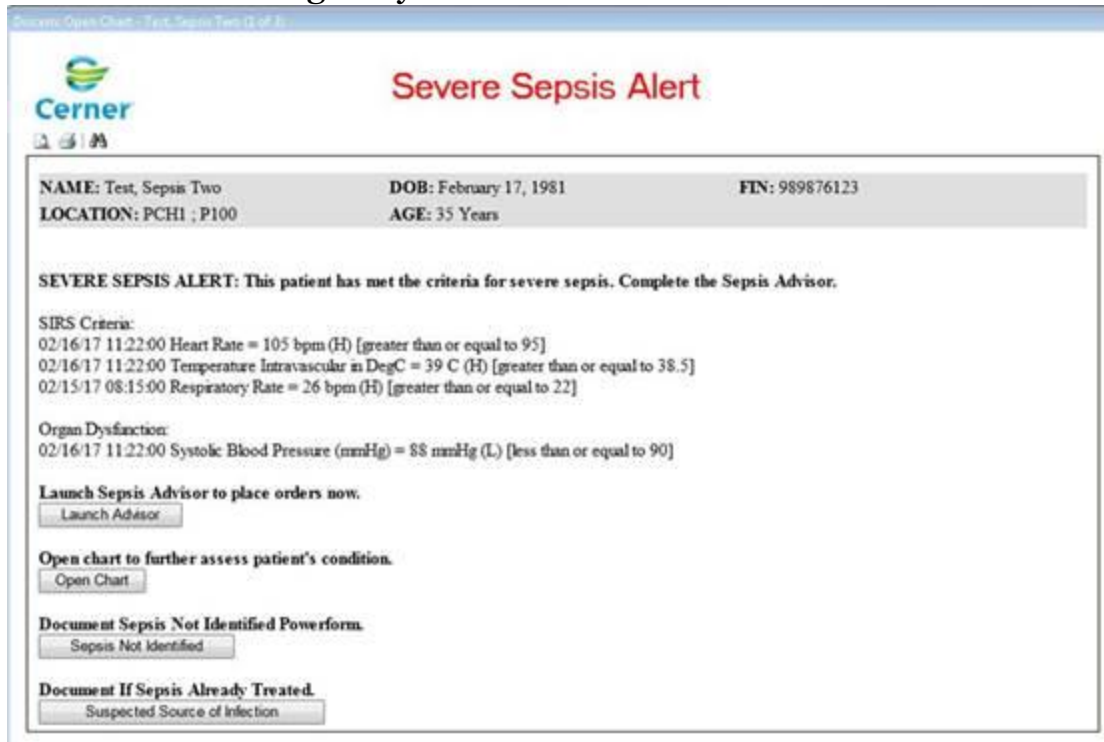
KNOW SEPSIS: INSIDE & OUT



Email: Pender.Linda@NavicentHealth.org

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Providers will receive a Sepsis alert when they open the chart of a patient with at least 2 SIRS criteria and one organ dysfunction resulted.



Severe Sepsis Alert

NAME: Test, Sepsis Two DOB: February 17, 1981 FIN: 989876123
 LOCATION: PCHI ; P100 AGE: 35 Years

SEVERE SEPSIS ALERT: This patient has met the criteria for severe sepsis. Complete the Sepsis Advisor.

SIRS Criteria:
 02/16/17 11:22:00 Heart Rate = 105 bpm (H) [greater than or equal to 95]
 02/16/17 11:22:00 Temperature Intravascular = 39 C (H) [greater than or equal to 38.5]
 02/15/17 08:15:00 Respiratory Rate = 26 bpm (H) [greater than or equal to 22]

Organ Dysfunction:
 02/16/17 11:22:00 Systolic Blood Pressure (mmHg) = 88 mmHg (L) [less than or equal to 90]

Launch Sepsis Advisor to place orders now.
 Launch Advisor

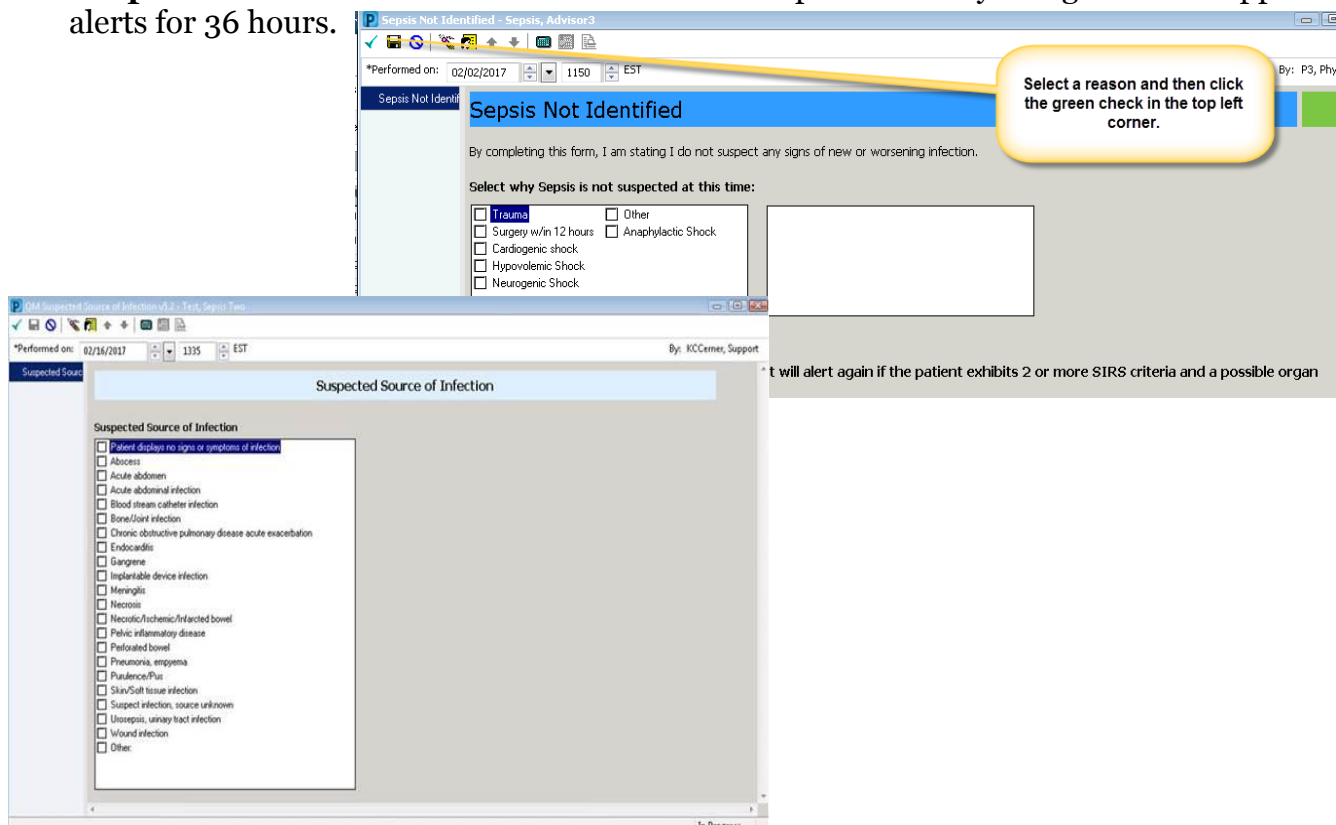
Open chart to further assess patient's condition.
 Open Chart

Document Sepsis Not Identified Powerform.
 Sepsis Not Identified

Document If Sepsis Already Treated.
 Suspected Source of Infection

There are 3 options within the alert:

- **Launch Advisor**- opens the advisor to guide the provider through reviewing specific sepsis related patient data and evidenced based orders. Suppresses alerts for 48 hours.
- **Open Chart**-Opens the patient's chart/dismisses the alert. **NO ALERT SUPPRESSION.**
- **Sepsis Not Identified**- Opens a form for the provider to document why they are not treating the patient for sepsis at this time. Suppresses alerts for 36 hours.
- **Suspected Source of Infection**- Document if Sepsis is already being treated. Suppresses alerts for 36 hours.



Sepsis Not Identified - Sepsis Advisor3

*Performed on: 02/02/2017 11:50 EST

Sepsis Not Identified

By completing this form, I am stating I do not suspect any signs of new or worsening infection.

Select why Sepsis is not suspected at this time:

☒ Trauma ☐ Other
☐ Surgery w/in 12 hours ☐ Anaphylactic Shock
☐ Cardiogenic shock
☐ Hypovolemic Shock
☐ Neurogenic Shock

Suspected Source of Infection

*Performed on: 02/16/2017 11:35 EST

Suspected Source of Infection

Suspected Source of Infection

☒ Patient displays no signs or symptoms of infection
☐ Abscess
☐ Acute abdomen
☐ Acute abdominal infection
☐ Blood stream catheter infection
☐ Bone/Joint infection
☐ Chronic obstructive pulmonary disease acute exacerbation
☐ Endocarditis
☐ Gangrene
☐ Implantable device infection
☐ Meningitis
☐ Necrosis
☐ Necrotic/ischemic/fractured bowel
☐ Pelvic inflammatory disease
☐ Perforated bowel
☐ Pneumonia, empyema
☐ Purulence/Pus
☐ Skin/Soft tissue infection
☐ Suspect infection, source unknown
☐ Urinary tract infection
☐ Wound infection
☐ Other

By: P3, Phy

By: KCCerner, Support

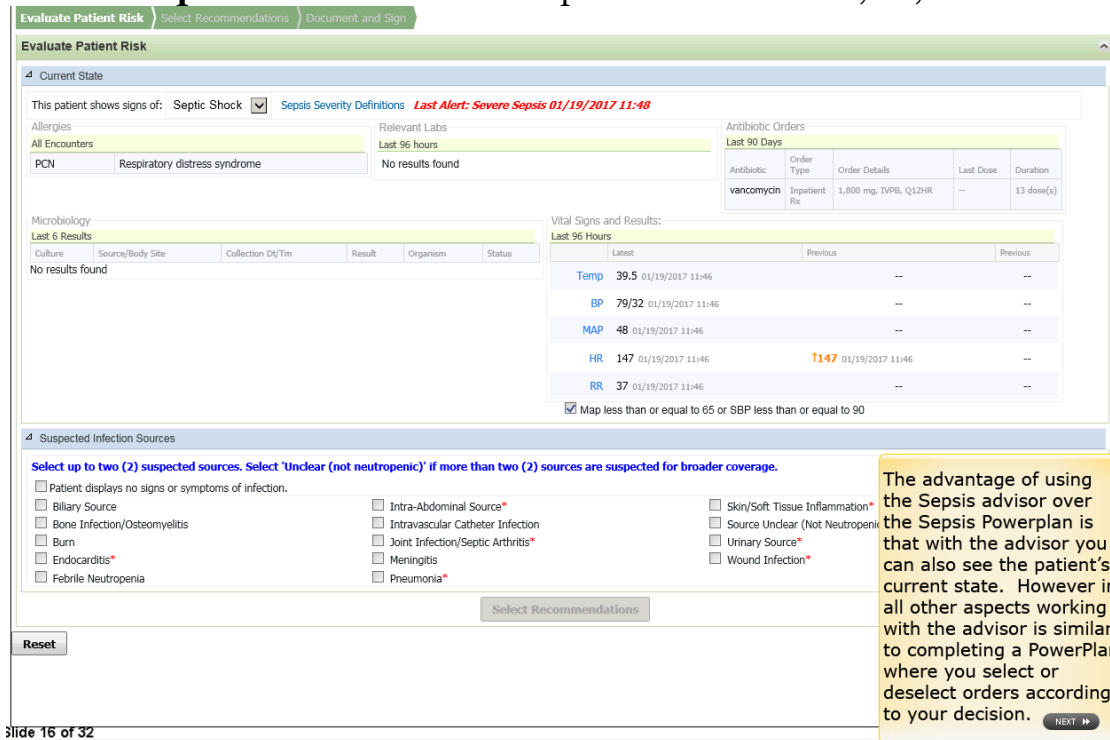
In Progress

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If you choose to Open the Chart or Document a Sepsis Not Identified reason and decide you need to open the Sepsis Advisor later, you can go to PowerOrders and enter it:

Sepsis Advisor is the order to take you into the Advisor. **Sepsis** is the PowerPlan.

Launch Sepsis Advisor: Review the patient's current labs, VS, antibiotic orders, etc.



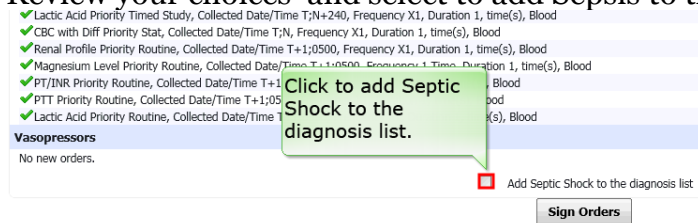
The screenshot shows the 'Evaluate Patient Risk' section with tabs for 'Evaluate Patient Risk', 'Select Recommendations', and 'Document and Sign'. The 'Current State' section indicates 'Septic Shock' and 'Severe Sepsis 01/19/2017 11:48'. It lists allergies (PCN, Respiratory distress syndrome), relevant labs (No results found), and microbiology results (No results found). The 'Vital Signs and Results' table shows the following data:

Vital Sign	Value	Time	Previous
Temp	39.5	01/19/2017 11:46	--
BP	79/32	01/19/2017 11:46	--
MAP	48	01/19/2017 11:46	--
HR	147	01/19/2017 11:46	1147
RR	37	01/19/2017 11:46	--

The 'Suspected Infection Sources' section allows selecting up to two suspected sources. A yellow callout box states: 'The advantage of using the Sepsis advisor over the Sepsis Powerplan is that with the advisor you can also see the patient's current state. However in all other aspects working with the advisor is similar to completing a PowerPlan where you select or deselect orders according to your decision.'

- Select the Suspected infection source to display the appropriate antibiotics for treatment.
- Select Normal, Single, Renally adjust dosing, or dialysis pt for the antibiotic choices to be customized.
- Select any other orders needed for the care of the patient. All pre-selected orders are chosen based on evidenced based medicine guidelines.

- Once you have made your choices, select **Confirm**.
- Review your choices and select to add Sepsis to the diagnosis list; Then Click Sign Orders:



The screenshot shows a list of orders with a green callout box stating: 'Click to add Septic Shock to the diagnosis list.' Below the list, there is a checkbox labeled 'Add Septic Shock to the diagnosis list' and a 'Sign Orders' button.

- If there are any missing details, you will be required to fill them in, then Sign your orders.



The screenshot shows the 'Medications' section with a list of medications. A green arrow points to the 'Sign' button. The list includes:

Medication	Order	Time	Dose
ciprofloxacin (Cipro 400 mg/DSW 200 mL IVPB)	Order	1/20/2017 3:00 PM EST	400 mg, IVPB, IVPB, Q8HR, Routine, Start CrCl > 30 mL/min
vancomycin (Vancomycin 20 mg/kg in NS 250 mL ...)	Order	1/20/2017 3:00 PM EST	2,400 mg, IVPB, IVPB, X1, Routine, Start Target Dose: Vancomycin 20 mg/kg in NS 2
vancomycin (Vancomycin ...)	Order	1/20/2017 3:00 PM	1,800 mg, IVPB, IVPB, Q12HR, Routine, Start

**By completing the advisor, you have: documented the suspected source of infection, used Evidenced Based treatment for the source, and suppressed the Sepsis alerts for 48 hours.

**In PowerNote the auto text. Sepsis can be added any note for a Sepsis Fluid Assessment any time after fluids have been started and vital signs documented. There is also a precompleted assessment note titled Sepsis.