

A new Best Practice Alert (BPA) warns when pediatric patients (< 18 years-old) are at risk for decompensation and/or sepsis. These patients should be **immediately escalated** to the nurse for additional evaluation.

- ▶ 4 new Epic tools help to identify pediatric patients at risk for decompensation:
 1. Arrival Vital Sign Alert – Low Blood Pressure
 2. Arrival Vital Sign Alert – Abnormal Vital Signs
 3. Sepsis Evaluation Alert
 4. Sepsis Upgrade Alert

Follow the steps below:

- ▶ When patient arrives, take vital signs and enter them into Epic immediately.
- ▶ Arrival BPA will trigger **within 1 hour** of arrival based on the first set of ED vital signs, if a patient meets the following criteria:

Low Systolic Blood Pressure¹ (SBP) by age

OR

At least **3 of these 4** abnormal vital signs :

- Temp. $\leq 36.0^{\circ}$ or $\geq 38.0^{\circ}$
- O₂ Sat < 90%
- Heart Rate¹
- Resp. Rate¹

¹ Values that trigger alert depend on patient's age

1. Arrival Vital Sign Alert – Low Blood Pressure (SBP low for age):

ED provider evaluates the patient within 10 minutes of the BPA triggering

1. Acknowledge that you will notify the nurse

BestPractice Advisory - PEDSepsis, Sixteen

⚠ Patient has low blood pressure. Please notify nurse.

⚠ Acknowledge Reason _____

I will notify nurse

2. Click here to accept the alert

✓ Accept

2. Arrival Vital Sign Alert - Abnormal Vital Signs (3 of 4):

ED provider evaluates the patient within 30 minutes of the BPA triggering

1. Acknowledge that you will notify the nurse

BestPractice Advisory - PEDSepsis, Sixteen

⚠ Patient has three abnormal vital signs. Please notify nurse.

⚠ Acknowledge Reason _____

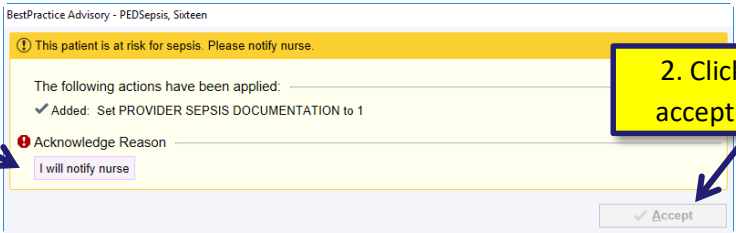
I will notify nurse

2. Click here to accept the alert

✓ Accept

NOTIFY THE NURSE IMMEDIATELY AFTER ACKNOWLEDGING ALERT

- 3. Sepsis Monitoring Alert:** Occurs more than an hour after 1st vital signs have been taken and verified.



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⚠ This patient is at risk for sepsis. Please notify nurse.

The following actions have been applied:

- ✓ Added: Set PROVIDER SEPSIS DOCUMENTATION to 1

⚠ Acknowledge Reason

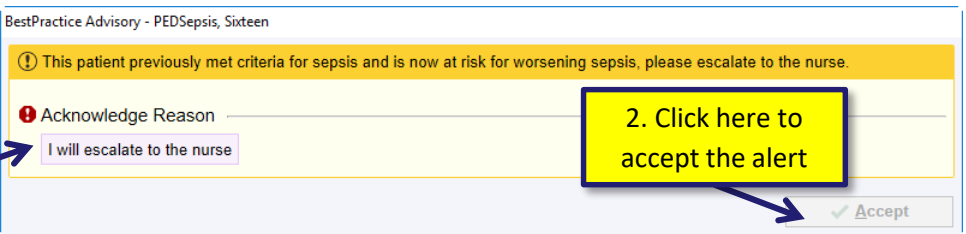
I will notify nurse

✓ Accept

1. Acknowledge that you will notify the nurse

2. Click here to accept the alert

- 4. Sepsis Upgrade Alert:** Occurs for patients already diagnosed with sepsis whose condition may be getting worse.



BestPractice Advisory - PEDSepsis, Sixteen

⚠ This patient previously met criteria for sepsis and is now at risk for worsening sepsis, please escalate to the nurse.

⚠ Acknowledge Reason

I will escalate to the nurse

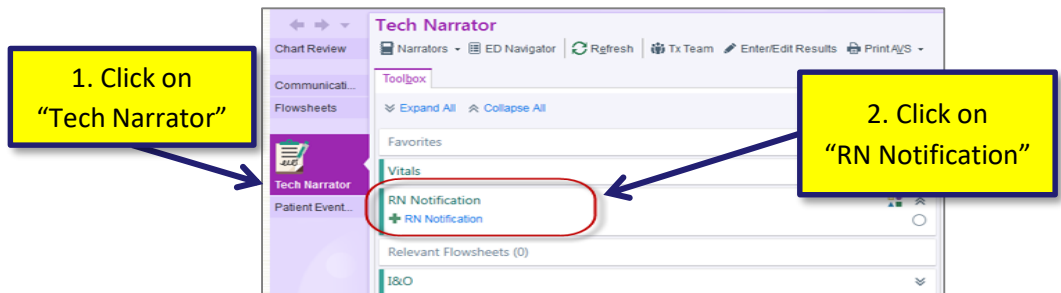
✓ Accept

1. Acknowledge that you will notify the nurse

2. Click here to accept the alert

Follow the below RN Notification steps after each alert.

- ▶ After notifying nurse, open the patient's chart in Epic.
- ▶ Click on the **"Tech Narrator"** button on the sidebar, and then click **"RN Notification"** in the toolbox.



1. Click on "Tech Narrator"

2. Click on "RN Notification"

Tech Narrator

Chart Review

Narrators

ED Navigator

Refresh

Tx Team

Enter/Edit Results

Print A/S

Toolbox

Expand All

Collapse All

Favorites

Vitals

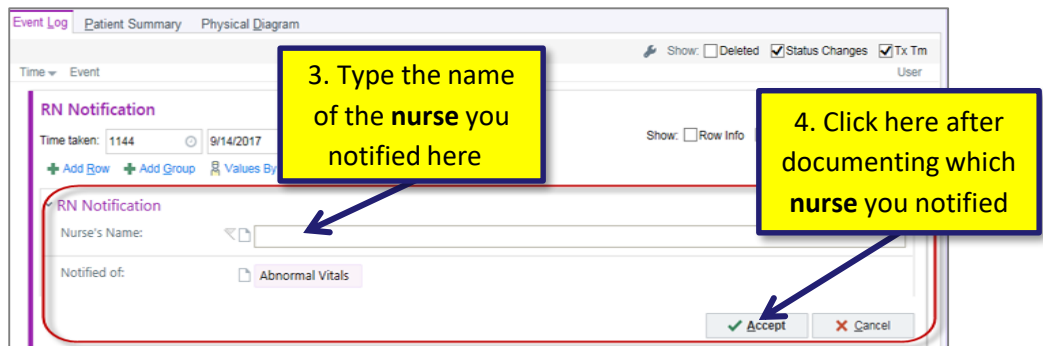
RN Notification

+ RN Notification

Relevant Flowsheets (0)

18xO

- ▶ Document the name of the nurse you notified about the BPA and click **"Accept."**



Event Log

Patient Summary

Physical Diagram

Time taken: 1144

9/14/2017

+ Add Row

+ Add Group

Values By

RN Notification

Nurse's Name:

Notified of:

Abnormal Vitals

✓ Accept

✗ Cancel

3. Type the name of the nurse you notified here

4. Click here after documenting which nurse you notified