

Supplemental Digital Content 1

EWS 2.0 First Survey

Thank you for your prompt patient evaluation in response to the EWS alert. We ask you to complete the brief survey below so we can best understand your impressions and actions. Thank you!

ALERT AND RESPONDENT DETAILS

1.	Date of Alert	_____
2.	Hospital	<input type="radio"/> HUP <input type="radio"/> PPMC
3.	Patient Last Name	_____
4.	Your Profession	<input type="radio"/> Nurse <input type="radio"/> Intern <input type="radio"/> Resident (PGY2 and above) <input type="radio"/> Advanced practice provider <input type="radio"/> Fellow <input type="radio"/> Attending
5.	Your Email	_____
6.	Date and time currently completing this survey (click "Now")	_____

PRE-ALERT vs. POST-ALERT IMPRESSION

7.	Compared to my assessment of this patient PRIOR to the alert, my CURRENT assessment revealed	<input type="radio"/> A new finding (symptoms, vital sign, exam, or lab) <input type="radio"/> No new finding
	<i>If "A new finding" selected:</i>	
7A.	The new finding(s) include:	<input type="radio"/> New patient symptom <input type="radio"/> New vital sign finding <input type="radio"/> New physical exam finding <input type="radio"/> New laboratory finding
8.	Compared to my assessment of this patient PRIOR to the alert, my CURRENT assessment can be summarized as:	<input type="radio"/> I'm UNCHANGED IN MY EXPECTATION that this patient may become critically ill. <input type="radio"/> I'm UNCHANGED IN MY EXPECTATION that this patient may become critically ill. <input type="radio"/> I have an INCREASED EXPECTATION that this patient will become critically ill. <input type="radio"/> I think this patient is NEWLY critically ill <input type="radio"/> I think this patient REMAINS critically ill as they were PRIOR to the alert. <input type="radio"/> I think this patient REMAINS critically ill BUT IS PROGRESSING in severity compared to PRIOR to the alert.

TESTING AND INTERVENTIONS BASED ON ALERT

9. Did the alert and subsequent evaluation of the patient change your management? YES (examples: rounding frequency, monitoring, tests, interventions) NO, it did NOT change management

10. How did (or will) your management of this patient change as a result of the alert and subsequent evaluation of the patient? (Choose the statements that most apply)

- More frequent bedside assessments
- More frequent vital sign checks
- New diagnostic testing (including labs, imaging, diagnostic procedures)
- New intervention(s) (including meds, therapeutic procedures, consults)
- Consideration of new diagnosis
- Goals of care discussion
- Rapid response/code/anesthesia stat
- ICU transfer
- Other: _____

If "New diagnostic testing" selected:

10A. Which test(s) did the alert prompt you to order? Laboratory Test Imaging Test Diagnostic Procedure (invasive and non-invasive including EKG)

10B. I ordered the previously described test(s) because: Select all that apply. The test(s)/procedures(s) were clinically indicated. I felt obligated because the alert triggered.

If "New intervention(s)" selected:

10C. Which new intervention did the alert prompt you to perform? Administration of fluids or transfusions Modified respiratory support (ex. O2 delivery, nebs, non-invasive ventilation, intubation) Medication Therapeutic invasive procedure Specialist consultation Other: _____

If "Medication" selected:

10C-1. Did your medication change involve ANTIBIOTICS? Patient NOT GIVEN Antibiotics. Patient continues on SAME Antibiotics. NEW Antibiotic(s), NONE PREVIOUSLY given NEW Antibiotic(s), CHANGED/ADDED to BROADEN coverage

If "Specialist consultation" selected:

10C-2. Consultation to specialist type Cardiology Infectious Disease Surgery Other: _____

10D. I ordered the previously described intervention(s) because: Select all that apply. The intervention(s) were clinically indicated. I felt obligated because the alert triggered.

-
11. BEFORE you received the alert, did you think that this patient had sepsis?
- NO
 MAYBE, it was on my differential
 YES
-
12. AFTER you received the alert, do you think that this patient has sepsis?
- NO
 MAYBE
 YES, sepsis WITHOUT end organ dysfunction
 YES, sepsis WITH end organ dysfunction BUT NOT in shock
 YES, sepsis WITH shock
-
13. Was the alert helpful?
- YES, the alert was VERY HELPFUL
 YES, the alert was HELPFUL
 The alert was NEITHER helpful nor unhelpful.
 NO, the alert was UNHELPFUL
 NO, the alert was VERY UNHELPFUL
-
14. How would you characterize the impact of the alert on your patient's care?
- DEFINITELY IMPROVED care
 PROBABLY IMPROVED care
 MAYBE improved care
 PROBABLY DID NOT improve care
 DEFINITELY DID NOT improve care
-
15. Which of the following was THE MOST likely diagnosis to explain the triggering of the alert?
- Sepsis
 Advanced cancer without apparent sepsis
 Dehydration/volume depletion
 Bleed
 Arrhythmia (tachy or brady)
 Pulmonary embolism
 Drug effect
 Pain or anxiety
 Cardiogenic shock
 Progression of end stage lung disease
 Post-operative state
 Other
 I don't know why the alert triggered since this patient seems unchanged clinically
 The alert identified a clinical change in this patient but I don't know what the new diagnosis is
 Other: _____
-
16. What changes, if any, would you recommend to the EWS alert?
- _____
-