



From the Office of Clinical Informatics
Northern Light Health
Rapid Response Team
Clinical EHR Flash Flyer

Wednesday, September 13, 2023

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[Click here for the latest Registration, Scheduling, Referral Management, Experian, Charge Management, and other Revenue Cycle updates!](#)

Rapid Response Flash Flyer

Rapid Response

Known Issues and Updates

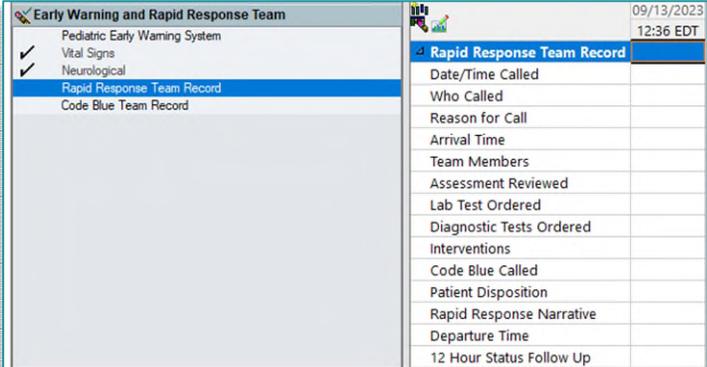
UPDATE: As a Surgical Navigation nurse, why am I receiving a MEWS alert on a patient that I spoke with on the phone two weeks ago?

- The relationship with a patient for a nurse working in the surgical areas has been updated to Expire 16 hours after establishing the relationship. This should reduce/eliminate the RRT alerting to the surgnav and PAT nursing staff. This change was implemented 9/13/2023 at 13:00 so any current relationships will not expire until 17:00 9/14/2023 due to the timing of the update.

Important Reminders

NEW: Documenting Rapid Response within the Interactive View and I&O (iView) band.

- With the addition of the alerting for Rapid Response, the Early Warning and Rapid Response Team iView band includes the Rapid Response Team Record. It is important that staff document all of the applicable Rapid Response documentation in this location to keep accurate records of event during the patient stay.



Early Warning and Rapid Response Team		09/13/2023 12:36 EDT
<input checked="" type="checkbox"/>	Pediatric Early Warning System	
<input checked="" type="checkbox"/>	Vital Signs	
<input checked="" type="checkbox"/>	Neurological	
	Rapid Response Team Record	
	Code Blue Team Record	

Rapid Response Team Record	
Date/Time Called	
Who Called	
Reason for Call	
Arrival Time	
Team Members	
Assessment Reviewed	
Lab Test Ordered	
Diagnostic Tests Ordered	
Interventions	
Code Blue Called	
Patient Disposition	
Rapid Response Narrative	
Departure Time	
12 Hour Status Follow Up	

- Departure Time is when the Rapid Response Team leaves.

Documenting vitals in real time.

- It is important to document vitals in real time to take advantage of the new RRT alerting system.
 - When documenting and signing multiple vitals at once, the alerting system will not work properly, and the timing of the Care Compass task will not be accurate.
 - Vitals signs should be in separate time columns if taken at various times.

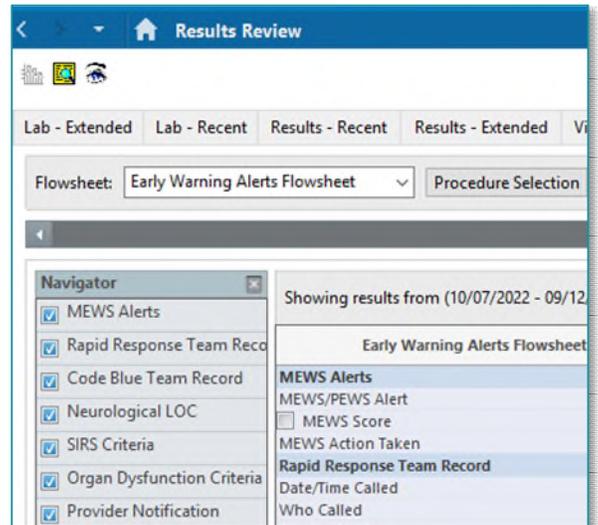
Frequently Asked Questions

NEW: Why do MEWS/PEWS Scores populate for Critical and Intensive Care Patients?

- The algorithm looks at all inpatients and will populate a score on the patient chart even though an alert and associated Care Compass tasks do not fire for this patient population.

NEW: Where can I see all the data surrounding a MEW/PEWS Alert and Rapid Response documentation?

- In Results Review, the Early Warning Alerts Flowsheet has been updated to include MEWS/PEWS Alert and Scoring, Rapid Response Team Record, Code Blue Team Record, and Neurological LOC.
- The Early Warning Alerts Flowsheet can be accessed by using the Flowsheet dropdown while in one of the following flowsheets:
 - All Flowsheets
 - All Results
 - Critical Care
 - Results - Recent



I have just documented vital signs that I took two hours ago and back timed them to reflect the time they were taken, why is a MEWS Alert firing now?

- The algorithm that runs in the background is constantly looking for vital signs and Level of Consciousness documentation. When this documentation is found, an alert will fire.
- Best practice is to document vital signs and nursing assessments in real time as much as possible.

Why am I missing iView bands, or they are appearing in a different order than usual?

- Preferences had to be cleared in order for the new iView band Early Warning and Rapid Response Team iView band to display for nursing staff.
- Click [here](#) for information on how to add iView bands or rearrange the order of the iView bands.

NOTE: Remember to leave PowerChart by clicking Exit in the toolbar after customizing the iView bands.

How is a MEWS Score calculated?

- Points are given for ranges of vital signs and LOC (Level of Consciousness).
 - A **Moderate Alert** will fire for scores totaling 4 points.

Score	3	2	1	0	1	2	3
Respiratory Rate per minute		< 8		8-14	15-20	21-30	> 30
Heart Rate Per minute		<40	40-50	51-100	101-110	111-129	>129
Systolic Blood Pressure	<70	70-80	81-100	101-200		>200	
LOC	Comatose	Stuporous / obtunded	Lethargic	Alert or Hyper alert			
Temperature Celsius		<35.0	35.0-36.0	36.1-38	38.1-38.6	>38.6	

Rapid Response Flash Flyer

- A score of 5 or greater will fire a **High Alert**; however, if a patient has a single value of 3, this will also trigger a High Alert.
 - For example, if a patient has a heart rate greater than 129, and all other vital signs are within the zero-point parameters, a High Alert will fire for this patient.

In the worklist, why are the scores and the alerts not lined up?

- The MEWS Score will calculate a value based on documentation. After an alert fires, there may be several MEWS scores populate in the chart in between an alert firing.
 - The **MEWS Score** row shows when the score populated the chart.
 - The **MEWS/PEWS Alert** row shows when the alert fired.

MEWS Score:	5 09/11/2023 16:18	5 09/11/2023 15:58	4 09/11/2023 15:15
MEWS/PEWS Alert:	High Risk MEWS 09/11/2023 15:58	High Risk MEWS 09/11/2023 14:30	High Risk MEWS 09/11/2023 11:08

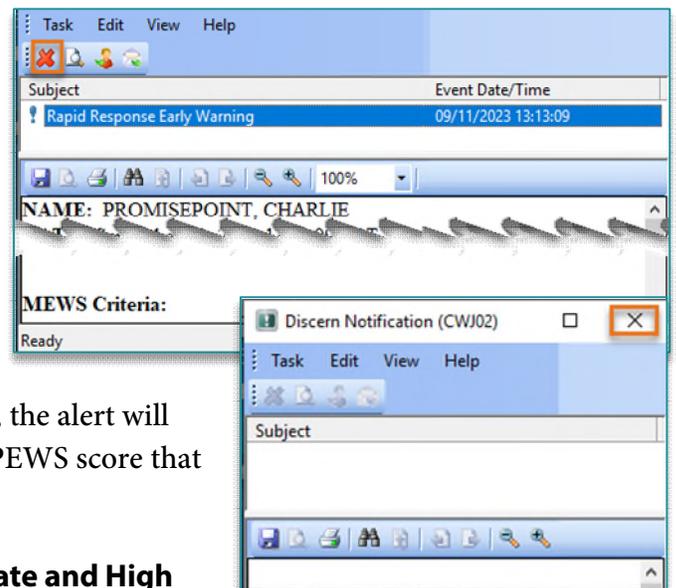
How do I stop the alerts from firing every time I open the chart?

- It is important to discontinue alerts after reviewing. If this is not done, the alert will continue to fire every time the patient chart is open.

STEP 1: Select the **Red X** at the top of the alert screen to clear the alert.

STEP 2: Select the black **X** to close out the alert box.

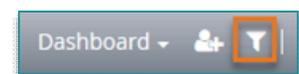
- Selecting the red x will clear the alert from firing again when opening the chart.
- If another set of vitals is taken within six hours, the alert will not fire again unless it progresses to a MEWS/PEWS score that would fire a **High** alert.



How do I filter my worklist to only include the Moderate and High Alerts?

- Filtering the RRT/Sepsis Worklist to show Medium and High alerts will help reduce the number of patients seen on the list by excluding those patients with Low scores.

STEP 1: Open the **Rapid Response Sepsis Worklist** and select the filter icon.



STEP 2: Select the **Dashboard Selections** tab.

STEP 3: Select **EWS**.

- Checkmark **Medium** and **High**.

STEP 4: Select **Save List**.

STEP 5: Select **Set Filters** to close the filters box.

The screenshot shows a 'Filters' dialog box with the following elements:

- Saved Worklist:** A dropdown menu for 'Select or Create a saved list:' and a 'Set as Default' checkbox. Buttons for 'Save List' and 'Delete List' are present.
- Primary/Secondary/Dashboard Selections:** Three tabs, with 'Dashboard Selections' selected and highlighted.
- Filter List:** A list of filters including 'EWS', 'PEWS', 'Sepsis Severity', 'EWS Increase', 'PEWS Increase', 'Sepsis Severity Increase', 'Patient Focus', 'Rapid Response Alerts', and 'Sepsis Alerts'. 'EWS' is selected.
- Severity Selection:** Radio buttons for 'Low', 'High', and 'Medium'. 'High' and 'Medium' are checked.
- Buttons:** 'Select All' and 'Clear All' are on the right. 'Reset', 'Set Filters', and 'Cancel' are at the bottom.

For questions regarding process and/or policies, please contact your unit's Clinical Educator or Clinical Informaticist. For any other questions please contact the Customer Support Center at:
207-973-7728 or 1-888-827-7728.

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