



ieMR Advanced

Entering Vital Signs via Managing Deterioration PowerForm

Quick reference guide

Managing Deterioration is a customised screen that displays a graphical view of trended observations, based on the age appropriate CEWT or Q-ADDS tool.

Requirements for a CEWT score

The CEWT Score for paediatric patients (<16 years) is calculated from 8 mandatory criteria:

- Respiratory rate
- Respiratory distress
- Oxygen Flow rate **or** FiO2
- Oxygen saturation
- Temperature tympanic **or** axillary **or** temperature not assessed
- Heart Rate
- Capillary refill
- AVPU **or** AVPU not assessed

Note: Use the left side of the **Managing Deterioration** for to record vital signs if patient <16 years.

Requirements for a Q-ADDS score

The Q-ADDS Score for adult patients (>16 years) is calculated from 7 mandatory criteria:

- Respiratory rate
- Oxygen Saturation
- Oxygen Flow rate **or** FiO2
- Blood Pressure
- Heart Rate
- Temperature tympanic **or** oral
- AVPU

Note: Use the right side of the **Managing Deterioration** form to record vital signs if patient >16 years.

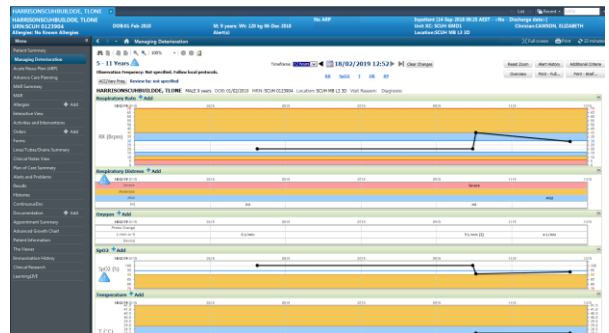
Additional Early Warning score fields

- Oxygen flow rate **or** FiO2 may be entered to calculate a total EW score
- If both FiO2 **and** oxygen flow rate are entered, ieMR will score from the FiO2 field (if ≥21%) and the oxygen flow rate will not contribute to the total score

Entering vital signs

1. From the **Managing Deterioration** page, click **+ Add** to launch the **PowerForm** and document vital signs
2. Select the green tick to sign the documentation

3. View the graphical trend



4. If required, navigate to **iView** → **Paediatric Quick View** → **Vital Signs** to determine exact EW score

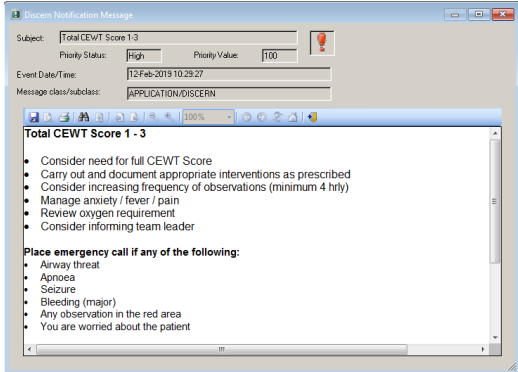
Vital Signs		
Respiratory rate	brpm	24 29
Respiratory distress		Mild Mild
SpO2		95 93
Oxygen flow rate	L/min	2 4
Oxygen therapy		Room air
High flow rate	L/min	
FiO2	%	
SBP/DBP Cuff	mmHg	89/59 89/60
Mean arterial pressure cuff calc	mmHg	69
Peripheral pulse rate	bpm	129 125
Temperature axillary	deg C	37.5 38 ↑
Temperature tympanic	deg C	
Temperature not assessed		
Capillary refill		Less than ... Less than ...
AVPU		Alert Alert
AVPU Not assessed		
EW Score		2 4



Early Warning Score alerts

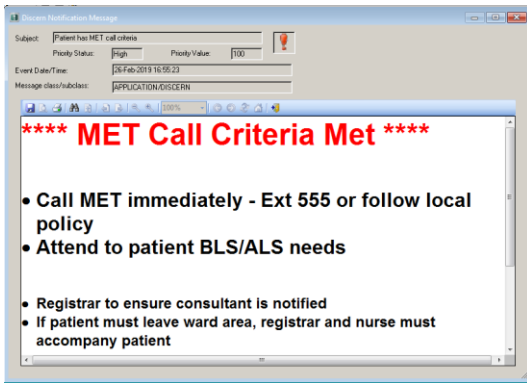
Score 1-7

If the score is more than "0", a discern alert will appear outlining clinical recommendations, e.g.



Score "E" or >= 8

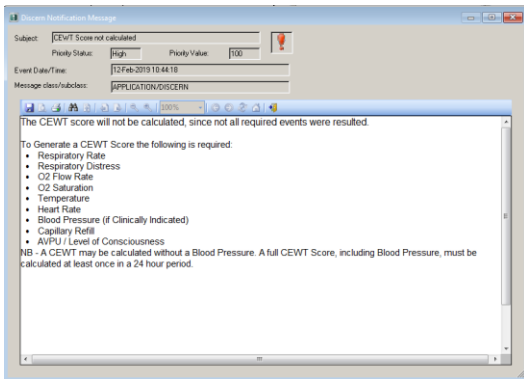
When the score is "E" or ≥ 8 , a MET alert will fire.



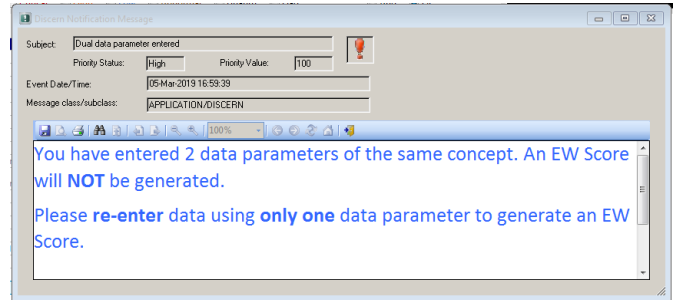
Score not calculated

An EW score will fail to calculate if:

- All required values are not entered. (**NB.** you must document a new set of vital signs to obtain an EW score.)

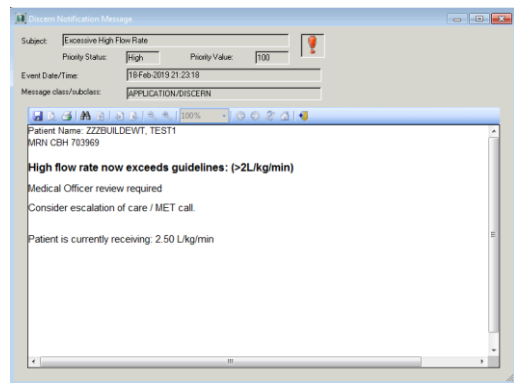


- Duplicate values are entered at the same time (e.g. temperature tympanic *and* temperature axillary)



High flow alert for patients ≤ 12 kg

An alert will fire if a patient ≤ 12 kgs is receiving more than 2L/kg/min high flow.



New Onset Confusion/Agitation alert (>16 years only)

Where a clinician enters "yes" in the New Onset Confusion/Agitation field, a discern alert will fire with recommendations for patient management.

