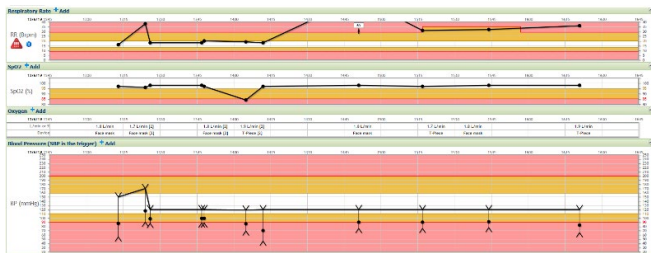


# Managing Deterioration Overview MTT – LGH, BEAH & RLH

## Quick Reference Guide

The *Managing Deterioration* page provides graphical trending of vital signs.



Graphs include:

- Trend lines for visual clarity
- Bold transition lines between calling criteria zones
- Extreme values are numerically displayed
- *Altered Calling Criteria (ACC)* are shown as dotted lines.

## Charting Observations

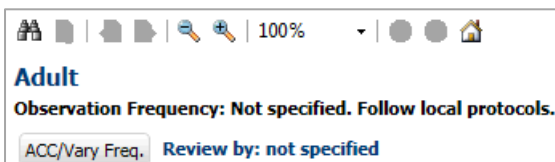
There are two different endorsed methods of charting observations in the patient's chart:

- Direct input of results through *Interactive View*
- Through device integration into the ieMR

## Viewing the Managing Deterioration Page

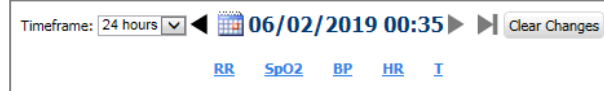
Click **Managing Deterioration** in the *PowerChart* menu to open the *Managing Deterioration* page.

The top left of the page is the chart label area that shows the type, tool or age of patient (e.g. Adult, 1-4 years, Q-MEWT), as well as the current status of the observation frequency and any altered calling criteria.



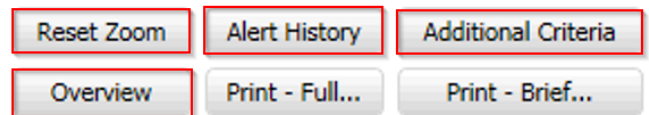
If a patient has a documented *Problem* of "Pregnancy", they will automatically score on the Q-MEWT regardless of age.

The top centre of the page displays the *Timeframe* controls and graph hyperlinks.



The *Timeframe* control sets the displayed timeframe. The dropdown list can be used to change between predefined timeframes. Alternatively the user can select a specific date and/or time by selecting the calendar icon.

The graph hyperlinks navigate you directly to a specific component in the page.



The top right of the page contains action buttons, with only the below list being endorsed actions at Metro South:

- *Reset Zoom*: resets zoomed view to standard
- *Alert History*: shows patient's alert history. Only alerts generated on the *Managing Deterioration* page are included in the Alert History.
- *Additional Criteria*: displays escalation guidance
- *Overview*: zooms out to displays all graphs and tables in a single window



To zoom in on documented observations within a shorter time period:

1. Hold the left-click and drag the mouse over the required timeframe or values on a graph. The chart will be high-lighted in grey over the period selected.
2. Release the left-click button. The page will redraw the full chart, zoomed in on the selected period or values.
3. Click *Reset Zoom* to revert back to standard view

## Alerts within Managing Deterioration Screen

**Static Alerts** appear next to any graphs or tables when the last documented observation of a vital sign falls outside of the expected parameters for that patient.

### Alerts include:

-  Red alert - for any result that sits within the Red zone
-  Yellow alert - for any result that sits within the Yellow zone

Static alerts are removed when documented observations return within normal range.

**Pop-up Alerts** supplement the **Static Alert** functionality. They display on opening the **Managing Deterioration** page when results entered are in the clinical review range (yellow zone) or the critical range (Red zone).

Increase frequency of observations and notify medical and senior nursing staff


Following a screen refresh, re-alert:

This action will only suspend YELLOW ALERTS.

RAPID RESPONSE CRITERION PRESENT

Following a screen refresh, re-alert:

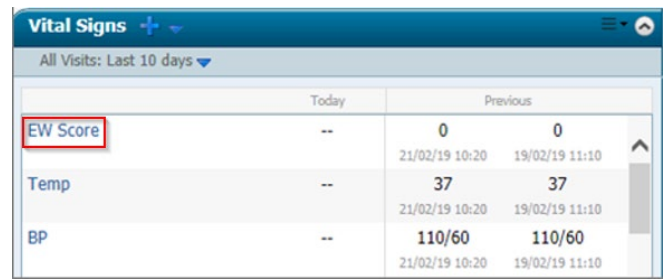
This action will suspend All RED and YELLOW ALERTS

 Always select "Immediately"

## Viewing Early Warning Score (EWS) Trends

All clinicians can view EWS trends in **Patient Summary** menu.

1. Navigate to **Patient Summary** menu
2. Navigate to the **Assessment** tab
3. Click the **EW Score** heading hyperlink in the Vital Signs widget



	Today	Previous	
<b>EW Score</b>	--	0	0
		21/02/19 10:20	19/02/19 11:10
Temp	--	37	37
		21/02/19 10:20	19/02/19 11:10
BP	--	110/60	110/60
		21/02/19 10:20	19/02/19 11:10

A popup window will appear showing a graph and table of calculated EW Scores.



Doctors can also view EWS trends using the **Doctor View** workflow.

1. Click on the **Doctor View** menu.
2. Navigate to the **Vital Signs** tab on the **Doctor View** screen.
3. Click on the **Manage** tab.
4. Click the **EW Score** heading hyperlink in the Vital Signs widget.

A graph will appear at the right displaying calculated EW Scores.