ICU – Switching Observation Charts and Viewing Trends



Digital Health Quick Reference Guide

This Quick Reference Guide will explain how to:

- Switch between the Adult Ward and the ICU Observation Chart
- View trends (e.g. vitals) in a graphical view within "Results Review" of the EMR

The ICU Observation Chart pulls in data from the patient record including data entered from Interactive View and Fluid Balance (iView), along with some pathology results.



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Important

Only **ICU Clinicians** should be switching the Adult Ward Obs Chart to ICU Obs Chart (upon ICU admission) and switching the ICU Obs Chart back to Adult Ward Obs Chart (upon stepdown to the ward).

Important

<u>No patient should leave ICU with an ICU Observation Chart.</u> Upon stepdown to the ward, ICU clinicians must ensure they switch the chart back to the <u>Adult Ward Observation Chart</u>.

** Note: The Adult Ward Obs Chart triggers MET call alerts and Deteriorating Patient alerts, whereas the ICU Obs Chart does not. **

Switching between the Adult Ward Observation Chart to the ICU Observation Chart

- 1. Click on Observation Chart
- from the Table of Contents.
- 🗚 🗎 | 🖶 🖿 | 🔍 🔍 | 100% - - - 4 2. Change the chart to ICU by Adult Timeframe: 24 hours 🗸 (02/06/2023 🏢 11:51 > >| Clear Changes clicking on the blue HR Not specified. Follow local protocols Frequency highlighted 'Adult'. ACC/NRR Review by: not specified Hubbard, Phoenix Train419 Male 28 Years DOB: 23/07/94 MRN: WHS300628 Location: F ICU R01 B01 Visit Reason: Com failure Respiratory Rate Add 1/6/23 17 2/6 001 RR (Brpm)
- Select the 'ICU' chart and enter an appropriate 'Reason for Chart Change'. Then click Submit.

Please Select a Chart for this Adult (DEFAULT)	Patient
ICU	
O MORC - Intrapartum	
O PACU - Adult	
O PACU - Maternity	
Reason for Chart Change	
Submit Cancel	'





4. The chart is now switched to the ICU Observation Chart.

Note: There are no coloured Clinical Reference ranges within this observation chart.

Frequency Not specifie	d. Follow local protocols.	ie: 24 hours Y < 02 / 06 / 202	3 12:19 > > Cle	ar Changes Reset Z Overvi	oom Alert History Additionew Print - Full Print
Hubbard, Phoenix Train alure	419 Male 28 Years DOB: 23/07/94 MRJ	N: WHS300628 Location: F ICU R01 B01 Visi	it Reason: Community Acquired Pneum	onia Diagnosis: Septic shock,Comm	nunity acquired pneumonia,Acut
1/6/23 1245	1645	2045 2/	16 0045 0	445 0	845
Temperature		[71 38 2	[8] 37.5	e A£ 181	[4] 37.2
Warming Measures		(e)	(v) =		14
Cooling Measures					
Glasgow Coma Score			[2] 7	[2] 9	[5] 8
Airway Status		Intubated	[4] Intubated	[4] Intubated	[4] Intubated
FIO2		[2] 40	181 50	[8] 80	[4] 50
SpO2		99	[4] 96	[4] 99	[4] 97
PO2				69	
Pa02/Fi02 Ratio					
Respiratory Rate		22	[4] 19	[4] 16	[4] 15
inute Volume (L/min)					
pH (mmol/L)				7.40	
PCO2 (mmol/L)				36	
HCO3- (mmoL/L)				22	
Lactate (mmol/L)				0.9	
Heart Rate Monitored		[2] 98	[8] 65	[8] 75	[4] 80
Cardiac Rhythm		[2] Normal sinus rhythm	[8] Normal sinus rhythm	[8] Normal sinus rhythm	[4] Atrial fibrillation
stolic Blood Pressure		[2] 120	[8] 103	[8] 101	[4] 95
astolic Blood Pressure		[2] 56	[8] 56	[8] 56	[4] 56
Aean Arterial Pressure					

5. To switch the chart back to Adult Ward Observation Chart, follow the same steps above.

Important

Observations should be entered via the appropriate Adult ICU bands within "Interactive View and Fluid Balance" section of the patient record (iView) to avoid any gaps in ICU-specific documentation in the ICU Obs Chart.

View Trends (e.g. Vitals) in a Graphical View within "Results Review" section of the EMR

- 1. Click on Results Review from the Table of Contents.
- 2. In the **Results Summary** column, tick the checkboxes next to the parameters you would like to view in a graph.

	Results Summary	
Measurements		
Weight Measure	red	
Weight Admit		
Vital Signs		
🗹 Respiratory Rat	e	
CXR Attended		
Systolic Blood I	Pressure	
Diastolic Blood	Pressure	
Mean Arterial P	ressure, Cuff Calc	
Cuff Site		

3. Click on the "Graph" icon

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at the top left corner.





4. The graph view of your chosen parameters will display.



5. You can use the Combine function above to create an overlay of the results parameters, for example Respiratory Rate and Systolic Blood

Pressure in the same graph.



6. Click

Close to finish viewing.

Handy Hint

There are other ways of viewing trends including:

- *iAware Dashboards* see separate QRG
- Interactive View and Fluid Balance (iView)
 - Click "Adult ICU General" and "Adult ICU Respiratory" Bands to view vitals, titratable infusion rates, ventilation trends etc. (See screenshot on the right).
- Results Review (View Ventilation data alongside Blood Gas Results) - see QRG <u>here</u>





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