



## EMR Quick Reference Guide

### Infusions – Ordering and Reviewing Titratable Infusions

Titratable infusions are truly continuous infusions with a pre-defined rate of "TITRATE". This means that nursing staff are able to change the rate of the infusion as per protocol or as per order comments.

Examples include (but are not limited to): inotrope infusions, insulin infusions and opioid infusions

This QRG will cover:

- [Ordering Titratable Infusions](#)
- [Reviewing the administration information of a Titratable Infusion](#)

### Ordering Titratable Infusions

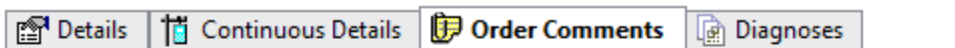


1. Select **Orders** and **+Add**
2. Search for and select a truly continuous infusion
3. Note the rate is set as **TITRATE**

#### ▼ Details for **dobutamine (additive) 250 mg + glucose 5% infusion 42 mL**

<span>Details</span> <span>Continuous Details</span> <span>Order Comments</span> <span>Diagnoses</span>					
Base Solution	Bag Volume	Rate	Infuse Over		
glucose 5% infusion	42 mL	TITRATE			
Additive	Additive Dose	Normalized Rate	Delivers	Occurrence	
dobutamine (additive)	250 mg			EB	
Total Bag Volume	42 mL				

4. A rate of **TITRATE** will enable nursing staff to change the rate of the infusion *as per protocol / as per order comments* without the doctor having to modify the order each time.



Order comments

Titrate as per WH procedure to effect. Suggested dose range = 100-1500 microg/minute

5. Review **Details**, **Continuous Details** and **Order Comments** tabs

#### ▼ Details for **dobutamine (additive) 250 mg + glucose 5% infusion 42 mL**

<span>Details</span> <span>Continuous Details</span> <span>Order Comments</span> <span>Diagnoses</span>					
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6. Select Orders for Signature, Sign and Refresh

Orders For Signature

7. Review the MAR to ensure the order is correct



## Review the administration information of a titratable infusion

To review the additive dose administered via the MAR / MAR Summary:

- Each Rate Change will be timestamped on the MAR alongside the equivalent additive dose:

Medications	13/10/2020 14:50	13/10/2020 14:49	13/10/2020 14:47
<b>Continuous Infusions</b>			
<b>dobutamine (additive) 250 mg</b> <b>glucose 5% infusion 42 mL</b> 42 mL, IV Infusion, Rate: TITRATE, First dose 13/10/2020 14:47:00, Total volume (mL): 42 Titrate as per WH procedure to effect. Suggested dose range = 100-1500 mic...	<b>Pending</b> Last bag started: 13/10/2020 14:47 AEDT		
<b>Administration Information</b>	Rate Change 8.06 mL/hr	Rate Change 5.04 mL/hr	Begin Bag 42 mL 1.01 mL/hr
dobutamine	800 MICROq/min	500 MICROq/min	100 MICROq/min

- Each Rate Change will be timestamped on the MAR Summary alongside the equivalent additive dose:

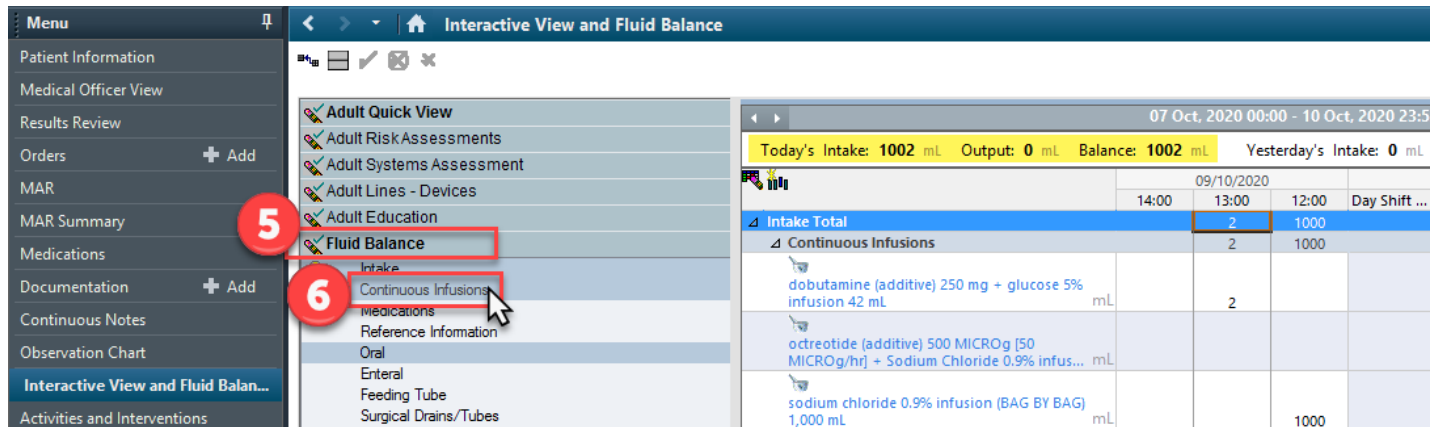
<b>dobutamine (additive) 250 mg + glucose 5% infusion 42 mL</b> 42 mL, IV Infusion, Rate: TITRATE, First dose 13/10/2020 14:47:00, Total volume (mL): 42	1447 Begin Bag 42 mL dobutamine 100 MICROg/min
	1449 Rate Change 5.04 mL/hr dobutamine 500 MICROg/min
	1450 Rate Change 8.06 mL/hr dobutamine 800 MICROg/min

To review the additive dose administered via the Interactive View:

- Select **Interactive View and Fluid Balance** from the table of contents
- Click **Adult Quick View**
- Select **IV Infusions**. **\*Note\***: Only Titratable Infusions will appear here.
- Each Rate Change will be timestamped alongside the equivalent additive dose and the site of administration (useful for when a patient has multiple lines in situ):

**To review the fluid volume administered:**

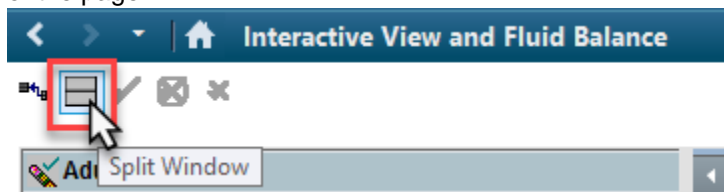
- 5. Select **Fluid Balance**
- 6. Select **Continuous Infusions**



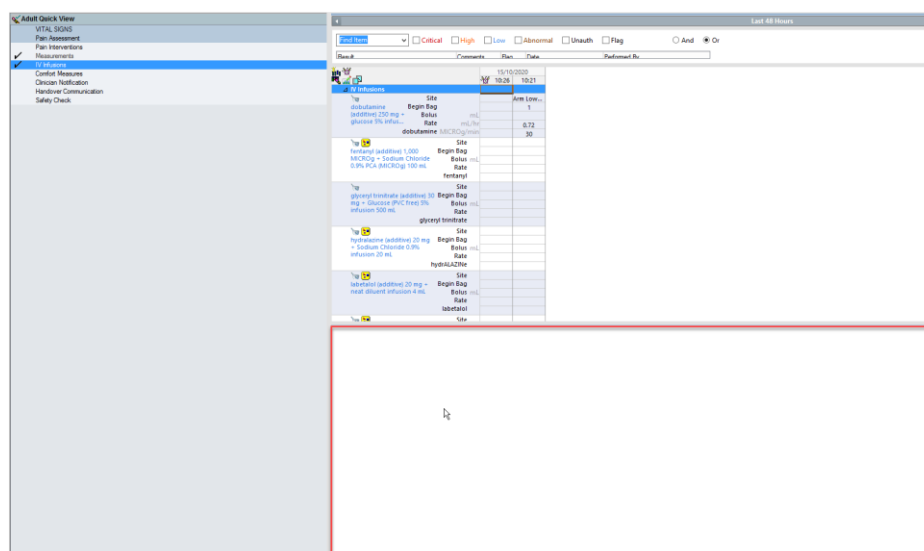
- 7. The total daily intake / output / balance will display at the top of the display panel, and the volume administered of each infusion will appear in the spreadsheet. Nursing staff will complete this hourly as per current practice.

**To view BOTH the dose and the volume together:**

- 8. From the **Adult Quick View** band, select the **Split Window** icon. The Adult Quick View will move to the top half of the page.



- 9. Click the blank space on the bottom half of the page.



10. Then click the **Fluid Balance** band.

The screenshot shows a software interface with a left-hand navigation menu. The 'Fluid Balance' option is highlighted with a red box. The main window displays a table of IV infusions. The table has columns for 'Find Item', 'Critical', 'High', 'Low', 'Abnormal', 'Unauth', 'Flag', and 'Performed By'. The table lists several infusions, including dobutamine, fentanyl, glyceryl trinitrate, hydralazine, and labetalol, with details on site, bolus, and rate.

11. The Fluid Balance Chart will now appear at the bottom of the screen, allowing you to review both bands together on the same page.

The screenshot shows the same software interface as above, but with the 'Fluid Balance Chart' visible at the bottom. The chart displays intake and output data for various infusions over a 24-hour period. The chart has columns for 'Today's Intake', 'Output', 'Balance', 'Yesterday's Intake', 'Output', and 'Balance'. The chart shows data for 15/10/2020, with intake and output values for each hour. The 'Fluid Balance' band is highlighted in red.

**\*Note\***: Split View can be used for any two bands on the **Interactive View and Fluid Balance** page, including vital signs.

