

ICU - Medication Administration - IV Titratables



Digital Health
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Digital Health
Quick Reference Guide

This Quick Reference Guide will explain how to:

Document continuous intravenous (IV) infusions that are frequently titrated against rapidly changing physiological parameters.

Definitions:

Titratable Infusions – Titratable infusions are a type of continuous infusion that have a rate of “TITRATE”. This means that the rate of the infusion can be titrated as per policy or order comments without the Medical Officer having to modify the order.



Important – Always remember to:

Document the commencement of an infusion or a new bag via the Medication Administration Wizard (MAW) to allow for Positive Patient Identification (PPID).

Documenting a Rate Change

1. Click on the **MAR Pending Tile** to open the **MAR Charting window**
2. Click on **Rate Change**
3. **Modify the Additive dose** and the rate will autopopulate
4. Enter in Second Nurse/Midwife Details
5. Click **Apply**
6. Click **Green Tick** to sign off documentation

Pending
Last bag started:
01/07/2023 14:01 AEST

The screenshot shows the MAW interface for a patient named 'Integrationtesttwo, Oncscenaioone MR'. The current infusion is 'adrenaline (epinephrine) (additive) 6 mg + Glucose 5% infusion 100 mL'. The interface displays a table of events for the period 01/07/2023 04:11 AEST to 02/07/2023 04:11 AEST. A 'Rate Change' event is highlighted with a red box, showing a rate of 10 mL/hr. Below the table, the 'Rate Change' section is populated with '10 mL/hr' and '10 MICROg/min'. The 'Witnessed by' field is empty, and the 'Apply' button is highlighted with a red box. The 'Rate Change' status is shown as 'In Progress'.

Document a Bolus Administration

1. Click on the **MAR Pending Tile** to open the **MAR Charting window**
2. Click on **Bolus**
3. **Enter** the bolus volume in mL into the **Infuse volume (mL)** field that is pre-ticked with **Bolus**
4. Modify time range if required
5. Enter in Second Nurse/Midwife Details
6. Click **Apply**
7. Click **Green Tick** to sign off documentation

Pending
Last bag started:
01/07/2023 14:01 AEST

Handy Hint

The **Titratable Infusions** band in iView can be used to review titratable infusion information. Only IV Continuous infusions will display in this band. The drugs listed in this band are not customisable.

Reviewing Titratable Infusion Information

1. Click on **Interactive View and Fluid Balance** from the Table of Contents (TOC)
2. Select **Titratable Infusions** under **Adult Quick View**

Note: to change time display right click on the date and select e.g. every hour

		11/05/2023		
		15:35	15:32	15:20
Patient Acuity				
Patient Acuity				
Titratable Infusions				
	Site		Arm Low...	Arm Low...
	Begin Bag		1	1
	Bolus			
	Rate		2	104.17
	mg/day		0.192	10



Important – Always remember to:

- Verify volume against the infusion pump to double check the volume infused to ensure the Fluid Balance is correct
- Fluid balance is to be documented hourly in the Intensive Care Unit according to existing policy
- Infused volumes **cannot** be forward entered into the EMR



Document a Volume Infused

1. Navigate to **Interactive View and Fluid Balance** and click on **Fluid Balance** band
2. In the **Continuous Infusions** section **double click** on the appropriate time cell next to the infusion that requires documentation (if blank). **Verify** the suggested volume that auto-populates for that hour – including against the infusion pump
3. In circumstances where a value is already in the cell (i.e. from a bolus or end bag task), right click the cell and select **'Chart Details'**
4. The **Charting window** will launch
5. Click on **Infuse**
6. **Enter** the infused volume in mL into the **Infuse volume (mL)** field
7. Modify the time range if required
8. Click **Apply**
9. Click **Green Tick** to sign off documentation

Interactive View and Fluid Balance

Fluid Balance

Intake

Continuous Infusions

Medications

	18:00	17:00	16:00	15:00
Intake Total				
Continuous Infusions				100
adrenaline (epinephrine) (additive) 6 mg + Glucose 5% infusion 100 mL				100

Chart Details...

Continuous Infusions	2
adrenaline (epinephrine) (additive) 6 mg + Glucose 5% infusion 100 mL	2

Site Change

Infuse

Bolus

*Infuse volume (mL) : Bolus

*From : 01/07/2023 1442 AEST

*To : 01/07/2023 1505 AEST