CARE4 MODULE NAME: PCS, eMAR
IV Infusions and Titrations

Overview - This document provides instruction on how to document IV infusions and titrations, including IV fluids and IV medications.

Starting IV Infusion
- Scan the IV bag and the eMAR IV flowsheet opens, separated into sections
- Infusion rate will default into the Dosing section of the IV flowsheet from the MRP order
- If the rate does not default in automatically, it can be manually entered
- Dosing section will update to "Started"
- Once all information is entered, select OK – will be back on the eMAR with administration details in green. Save

Note – If multiple infusions or medications are to be started, can scan all the items. A separate IV flowsheet will appear for each infusion.

Accessing the IV flowsheet
Once the infusion has been started, the IV flowsheet may be accessed at any time. To access the IV flowsheet, select the **infusion** icon [🞂 Inf] located on the eMAR or select the [Document Inf/Titr] footer button. (Specialty care areas can also access through Specialty Care Flowsheet)

Specialty Care areas only: Opening Infusions/Titration in the Specialty Care Flowsheet
- *Select Flowsheet from right-hand menu*
- *Expand Infuse/Titrate using "+" button*
- *Expand desired medication/IV solution using "+" button*

Changing the Rate/Titrating Infusions
- Enter new medication rate in Dose Rate field. Other fields will auto populate and Increase/Decrease field will update to either Increased or Decreased. Can use auto populated Infusion Rate to double check with IV pump rate
- Users should also ensure Container Volume is correct, editing the volume where necessary

Pausing IV Infusions
- Enter Infusion Rate of "0". Increase/Decrease field updates to "Paused". Select Save and Save.

Restarting Paused IV Infusions
- Enter Infusion Rate at ordered rate. Increase/Decrease field updates to Resumed. Other fields will auto populate and continue with previous amounts. Select Save and Save

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<mark>REMEMBER to DOCUMENT THAT YOUR BAG IS FINISHED!</mark>

If you see a gas gauge you have NOT finished your bag. Even if it shows as "done"

See next three sections for how to finish IV bags

Ending/Stopping IV Infusions – No Wastage, bag is empty
- Enter "0" in "Container Volume" field of Intake section
- Dosing section, "Increase/Decrease" field updates to "Infused"
- Other fields will auto populate. Save

Note – when there is less than 10% bag volume remaining, scanning the new IV bag will automatically end the previous infusion and start the new infusion. If there is more than 10% of the bag volume remaining, the user must end the previous bag following Ending/Stopping IV Infusions process.

Ending/Stopping IV Infusions when the bag is not empty – Documenting Wastage
- Enter Infusion Rate of "0".
- Copy the remaining Container Volume amount into the Waste Amount field. The IV will now display as infused on the eMAR.

What to do if the previous shift did not end an infusion
- Estimate when the IV fluid bag in question would been complete
- Add a column for the estimated date and time of completion in the IV flowsheet
- Enter "0" in "Container Volume" section

End of Shift
- <mark>It is essential that the off-going nurse review the eMAR and ensure that all IV fluids and medications are ended that need to be ended.</mark>