

# PharmNet - Verifying an Infusion Order (Including Product Assignment)



## This Quick Reference Guide will explain how to:

Verify an Infusion order and product assign IV sets appropriately

### Definitions:

**IV Set** – an infusion order that contains an additive (medication) + diluent (fluid)

**Verification** – process of reviewing a medication and indicating that it is clinically safe. Verifying a non-imprest medication will also send a message to Merlin so that the *additive* can be dispensed from pharmacy, or the infusion can be manufactured.

### 1. Navigate to **PharmNet: Pharmacy Medication Manager**

▶	Active		midazolam + Sodium Chloride 0.9% intravenous solution IV Infusion TITRATE	16/10/2020 13:14 AEDT	CONT
▶	Active		cefaZOLin + Sodium Chloride 0.9% intravenous solution IV Infusion 8 hourly 200 mL/hr	16/10/2020 15:00 AEDT	INT

### 2. Click on the arrow symbol (▶) to review the additive and diluent for the infusion for verification

▶	Active		cefaZOLin + Sodium Chloride 0.9% intravenous solution IV Infusion 8 hourly 200 mL/hr
			- cefaZOLin 2 g
			- Sodium Chloride 0.9% intravenous solution 100 mL

### 3. For unverified orders (denoted by the icon), in the 'Action' column, select **Verify** from the dropdown list



### 4. Click on **Apply** at the bottom right of the window to open the **Verify Intermittent/Continuous Order Window**

### 5. The **Verify Intermittent/Continuous Order Window** displays details of each component to be verified

### 6. In the Verify Intermittent/Continuous Order window, check/change:

- **Product Assignment**
- **Dispense From Location**
- **Dispense Category**
- **Order Comments**
- **Total Volume is correct**



**Vol:** the selected item is the part of the infusion accounting for the volume i.e. the 250ml on the glucose diluent is reflected in the total volume

**Additive ordered by prescriber:** labetalol 100 mg/20 mL vial

**Dose:** contains the additive dose and diluent volume

**Normalised Rate:** Rate of the additive (medication) ordered by doctor. If the infusion is infused over a set amount of time, rates will be expressed in mL/hour and this field will be blank

**Product assigned to the additive:** labetalol 100 mg/20 mL vial

**Product assigned to the diluent:** Glucose 5% in Water intravenous solu. 250 mL

**Diluent ordered by prescriber:** Glucose 5% in Water intravenous solu. 250 mL

**Rate:** Equivalent rate in mL/hr. Using a rate such as "APP/Titrate" will display in the freetext rate field

**Duration:** Number of bags ordered for infusion. None will display for truly continuous infusions

**Order comments:** Comments entered at ordering, will display on the MAR. Will also display dose calculated when dose calculator is used by prescriber

**Dispense category:** Related to type of infusion, intermittent infusions will use 'Intermittent INJ'

**Initial doses:** Number of doses required for dispensing. This can be altered by the pharmacist as clinically appropriate. When items have the dispense location as the ward this will read 0.

**Dispense from location:** If the additive and diluent products assigned are kept on the ward this will default to the ward location. If one of these is not on the ward this will default to the pharmacy location

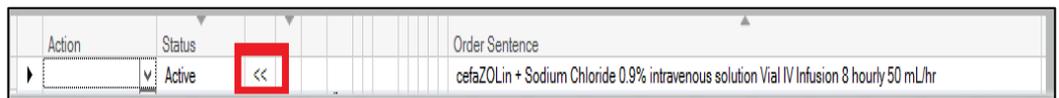
**Total volume:** Total volume for infusion to the patient

**Replace every:** When the current bag running would be empty and need replacing. The maximum value displayed will be 24 hr(s)

**Infuse over:** Time it will take for one bag to finish. This will only display on the MAR for intermittent infusions.

- When all relevant details have been completed, click 'OK'
- If multiple medications were selected, the Verify Med Order window will automatically open up for the next order
- Once all medications have been processed, you will be taken back to the PharmNet Pharmacy Medication Manager screen

10. A chevron symbol << will appear next to the order, indicating an outstanding action



11. To confirm the Verify action, click Submit



12. The Mortar and Pestle icon will no longer appear next to verified orders and a message will be sent to Merlin PRX for the medication to be dispensed if components for infusion are not on imprest.



## Manual Product Assignment for IV Sets (Non-Manufactured)

If a  (Unassigned Product) icon appears next to the order on PharmNet Med Manager, it means the Auto Product Assignment failed for the additive and/or the diluent and the pharmacist must manually assign a product to one or both components of the IV set.



### Important

- Both the additive and diluent components require product assignment for IV sets

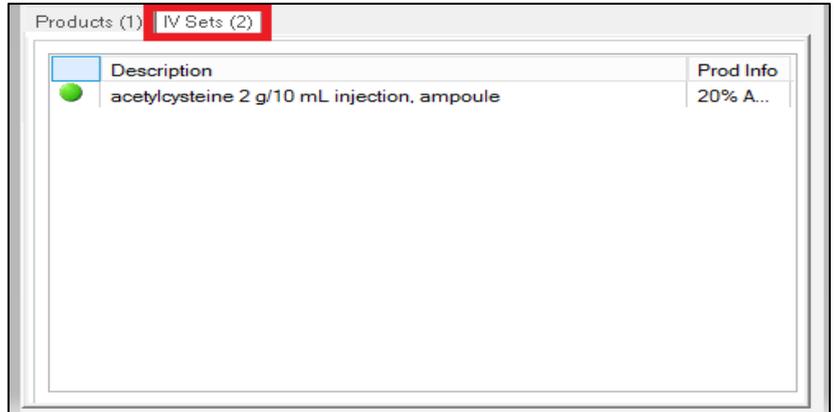
- There are no products under the additive component meaning automatic product assignment has failed.

**Note:** There may be instances where both the additive and diluent will not automatically product assign. Manual product assignment is also required for these infusions.

Δ	Vol	Drug	Dose	Normalized Rate	Concentration	Frequency	Ordered As
<input type="checkbox"/>		acetylcysteine	19,000 mg [2...			 EB	acetylcyst...
<input checked="" type="checkbox"/>		Glucose 5% in Water intr...	500 mL			EB	glucose 5...
		 glucose 5% (ward supply)					

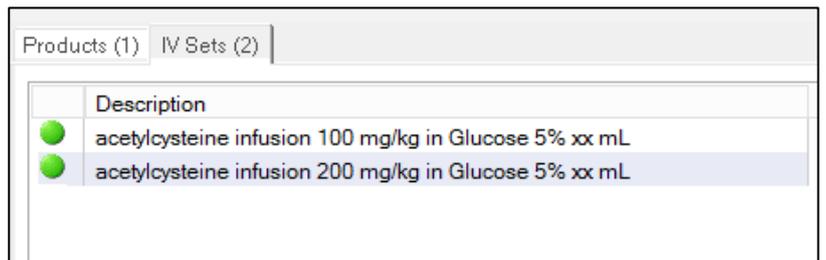
- From the verify order window select the  icon.

- In the manual product assignment window select the IV set tab.



Products (1) IV Sets (2)	
Description	Prod Info
 acetylcysteine 2 g/10 mL injection, ampoule	20% A...

- The IV set tab contains all the IV sets for the related additive and diluent, selecting one of these will complete manual product assignment for the additive and the diluent in one action. **This is the preferred method of manual product assignment for majority of infusions.**



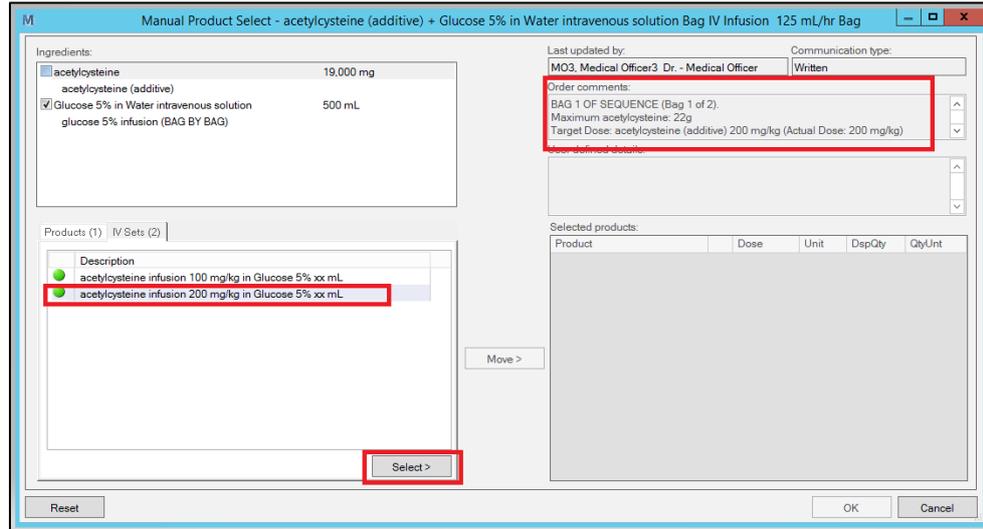
Products (1) IV Sets (2)	
Description	
 acetylcysteine infusion 100 mg/kg in Glucose 5% xx mL	
 acetylcysteine infusion 200 mg/kg in Glucose 5% xx mL	



- Select the correct IV set by selecting the one with the same additive and diluent dose displayed in the ingredients section.

For infusions calculated by weight, the order comments will guide you by displaying the dose used by the doctor, use the closest match if the dose is not exact.

Use the select button to move products for the additive and the diluent into the selected products section in one action.



**Note:** You can change the individual products for the additive and diluent if required, this is covered in the **PharmNet: Verifying a medication order QRG**.

- Select OK to return to the verify order window. The additive and diluent now contain products assigned to them. Diluents (fluids) kept on the ward will always assign to the **ward supply** product for that fluid.

Vol	Drug	Dose	Normalized Rate	Concentration
<input type="checkbox"/>	acetylcysteine	19,000 mg / 9...		
<input type="checkbox"/>	acetylcysteine 2 g/10 mL injection, ampoule			
<input checked="" type="checkbox"/>	Glucose 5% in Water intr...	500 mL		
<input type="checkbox"/>	glucose 5% (ward supply)			

- Complete remainder of verification process (steps 7-11 above)

## Manual Product Assignment for IV Sets (Manufactured)



### Important

- Any **infusion requiring manufacturing** will need to be assigned to the appropriate **manf bag** products

Some manufactured infusions may be automatically assigned vials/ampoules instead of the “manf bag” product. If this occurs, manual product assignment of the “manf bag” product is required.

- Check product assignment of IV set that needs to be manufactured.

Vol	Drug	Dose	Normalized Rate
<input type="checkbox"/>	rituximab (Riximyo)	300 mg / 30 mL	
<input type="checkbox"/>	rituximab (Riximyo) 100 mg/10 mL injection, vial		
<input checked="" type="checkbox"/>	Sodium Chloride 0.9% i...	500 mL	
<input type="checkbox"/>	Sodium Chloride 0.9% injection (ward supply)		

- From the verify order window select the  icon.

- Unassign the vial/ampoule from the selected products section and assign correct IV set or product with “manf bag” in the name.

Vol	Drug	Dose	Normalized Rate
<input type="checkbox"/>	rituximab	300 mg	
<input type="checkbox"/>	rituximab manf bag		
<input checked="" type="checkbox"/>	Sodium Chloride 0.9% i...	500 mL	
<input type="checkbox"/>	Sodium Chloride 0.9% injection manf bag (continuous)		

- Click OK and submit. The order will be pushed through to Merlin PRX-A for the medication to be dispensed.