




# PANTOPRAZOLE CONTINUOUS INFUSION MEDICATION ADMINISTRATION

HOSPITAL INFORMATION SYSTEM (HIS)

## Documenting a pantoprazole (80 mg/100 mL) Continuous Infusion

**NOTE:** Medication administration is to be completed through the MAW. Using the MAW prompts for barcode scanning and supports patient safety.

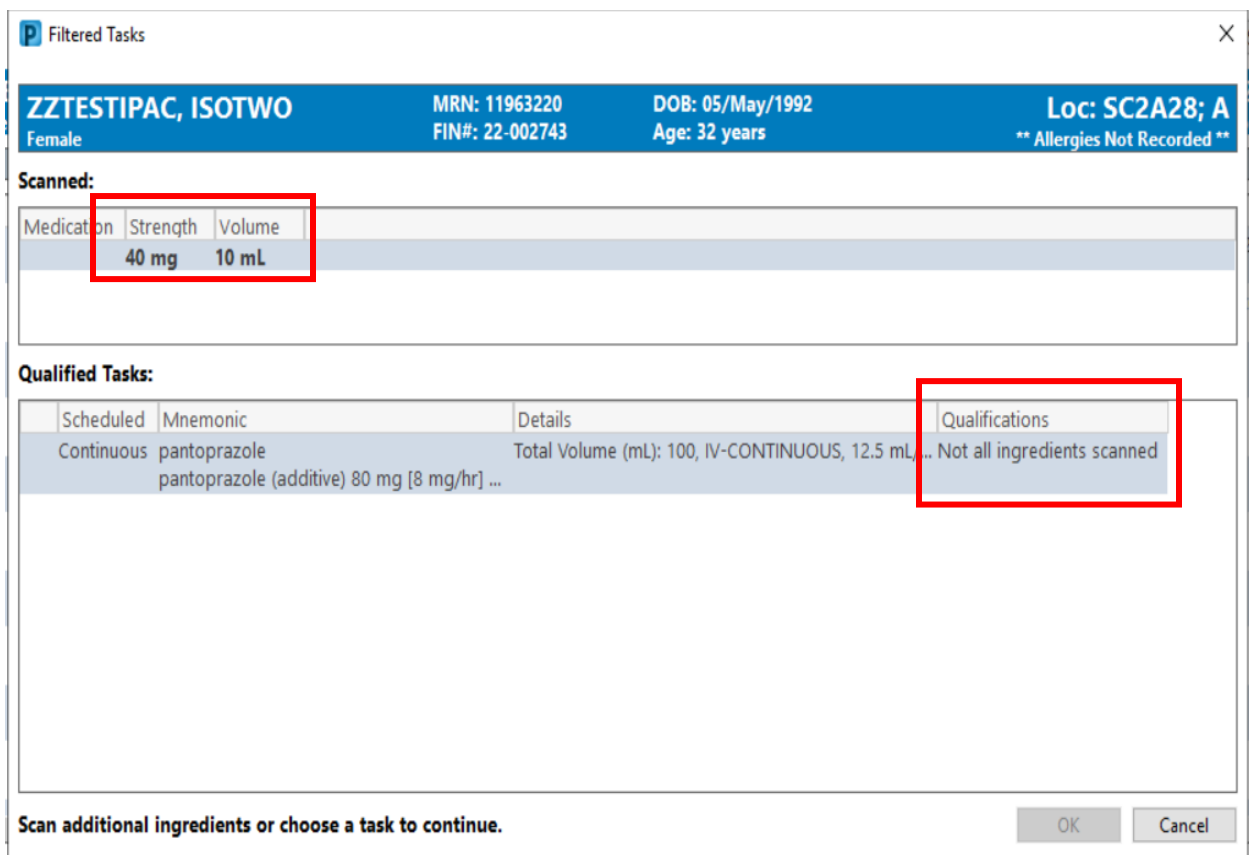
1. Access the MAW by selecting the Medication Administration button from the toolbar.

 Medication Administration

2. Using a barcode scanner, scan the patient's ID band to launch the current encounter.
3. Scan the first pantoprazole (40 mg/10 mL) vial. You will see the medication appear in the 'Scanned' section above the 'Qualified Tasks'.

In the 'Qualifications' column you will see that it is flagging 'Not all ingredients scanned'.

Also, the 'OK' button will be greyed out and you will not be able proceed until the scanned medication amount fulfills the ordered infusion dose.



**Filtered Tasks**

**ZZTESTIPAC, ISOTWO** MRN: 11963220 DOB: 05/May/1992 Loc: SC2A28; A  
Female FIN#: 22-002743 Age: 32 years \*\* Allergies Not Recorded \*\*

**Scanned:**

Medication	Strength	Volume
	40 mg	10 mL

**Qualified Tasks:**

Scheduled	Mnemonic	Details	Qualifications
Continuous	pantoprazole	Total Volume (mL): 100, IV-CONTINUOUS, 12.5 mL, ...	Not all ingredients scanned
	pantoprazole (additive) 80 mg [8 mg/hr] ...		

Scan additional ingredients or choose a task to continue. OK Cancel



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4. Scan the next pantoprazole (40 mg/10 mL) vial.  
Once scanned, the 'Scanned' section in the top will now show a strength of 80 mg and volume of 20 mL, accounting for both 40 mg/10 mL vials scanned.
  - a. The 'Qualifications' column is still showing 'Not all ingredients scanned' because although the pantoprazole dose is accurate, the 100 mL sodium chloride 0.9% mini bag is still required to be scanned.

Medication	Strength	Volume
	80 mg	20 mL

Scheduled	Mnemonic	Details	Qualifications
Continuous	pantoprazole pantoprazole (additive) 80 mg [8 mg/hr] ...	Total Volume (mL): 100, IV-CONTINUOUS, 12.5 mL ...	Not all ingredients scanned

5. Scan the sodium chloride 0.9% 100 mL mini bag (if difficulty scanning, place the bag on a solid surface or a piece of blank paper behind the bag while scanning). Once scanned, the following alert will populate to flag that the scanned volume of 100 mL does not match the ordered volume of 80 mL
  - a. Acknowledge the alert by pressing 'Ok'.
  - b. Open the yellow 'Results' section by double clicking the section or clicking the down arrow.

Scheduled	Mnemonic	Details	Result
20/Nov/2024 22:00	Continuous pantoprazole pantoprazole (additiv... piperacillin-tazobactam	Total Volume (mL): 100, IV-CONTINU... 2.25 g = 1 vial, IV, INJ, First Dose: 20/11/...	120 mL, IV-CONTINUOUS, 12 mL/hr, <Site>

Warning

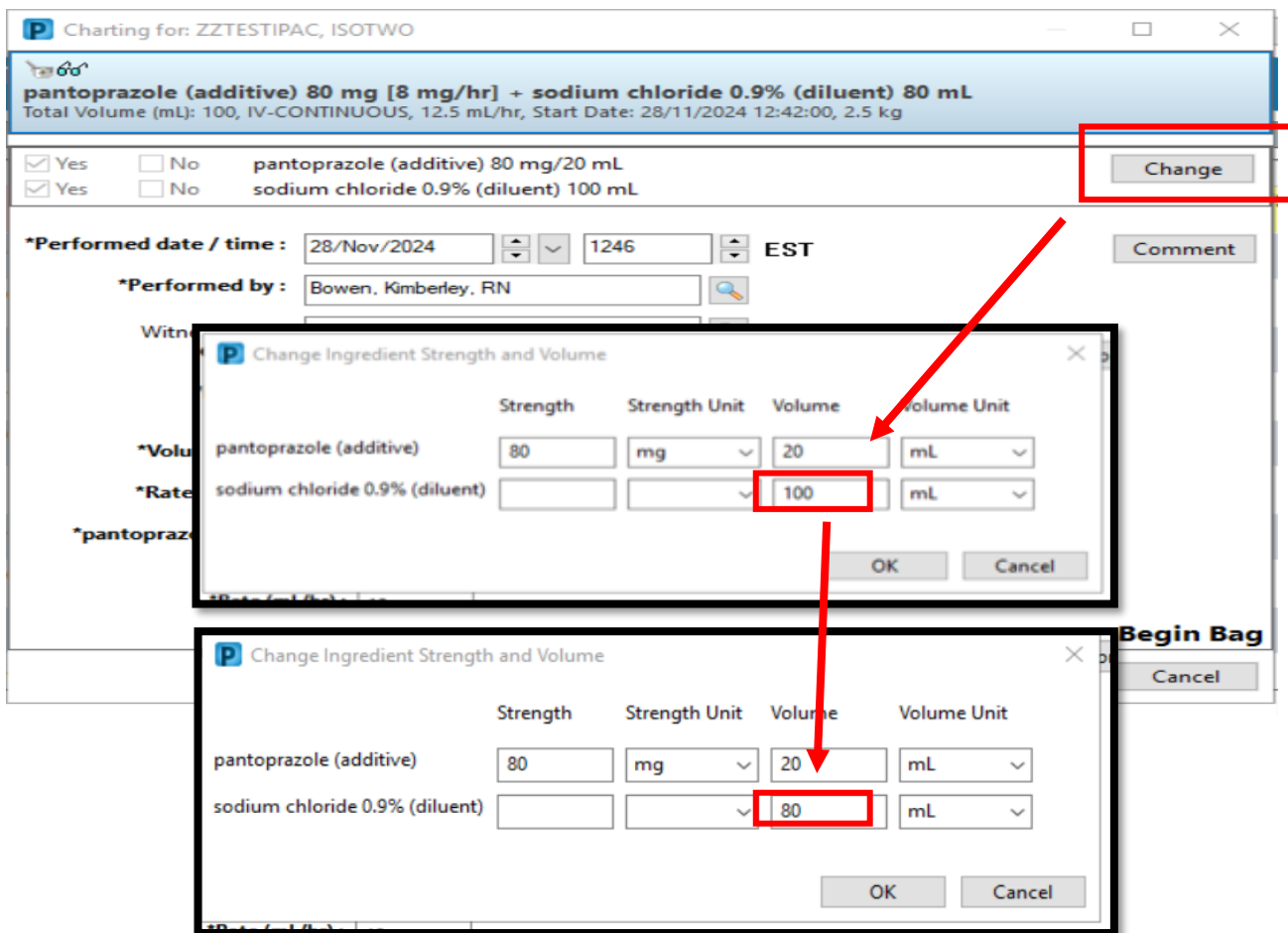
pantoprazole 80 mg / 20 mL + sodium chloride 0.9% intravenous solutio 100 mL is not the correct dose as indicated on the order profile. The correct ordered dosage is pantoprazole 80 mg + sodium chloride 0.9% intravenous solutio 80 mL.

OK

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- c. In the charting window, click the 'Change' button to modify the volume from 100 mL to 80 mL, accounting for the 20 mL volume removed from the bag.



The screenshot shows a charting window for patient ZZTESTIPAC, ISOTWO. The medication order is for pantoprazole (additive) 80 mg [8 mg/hr] + sodium chloride 0.9% (diluent) 80 mL. The total volume is 100 mL. The charting window shows the medication order with a 'Change' button highlighted in red. Below the medication order, the 'Performed date / time' is 28/Nov/2024 1246 EST, and the 'Performed by' is Bowen, Kimberley, RN. A 'Begin Bag' button is also visible. Two 'Change Ingredient Strength and Volume' dialog boxes are shown. The first dialog box shows the current volume of 100 mL for sodium chloride 0.9% (diluent) highlighted in red. The second dialog box shows the revised volume of 80 mL for sodium chloride 0.9% (diluent) highlighted in red. Red arrows point from the 'Change' button to the first dialog box, and from the '100' field to the second dialog box.

- d. Press OK to confirm the revised diluent volume of 80 mL.



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- Once the volume change is complete, review the medication administration charting window to confirm all values are correct, including the pantoprazole dose (mg/hr). If all values are correct as ordered, press 'Ok'.

Charting for: ZZTESTIPAC, ISOTWO

**pantoprazole (additive) 80 mg [8 mg/hr] + sodium chloride 0.9% (diluent) 80 mL**  
Total Volume (mL): 100, IV-CONTINUOUS, 12.5 mL/hr, Start Date: 28/11/2024 12:42:00, 2.5 kg

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	pantoprazole (additive) 80 mg/20 mL	<b>Note: Total bag volume = 100 mL (20 mL drug volume + 80 mL diluent)</b>	Change
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	sodium chloride 0.9% (diluent) 80 mL		

\*Performed date / time: 28/Nov/2024 1246 EST Comment

\*Performed by: [ ]

Witnessed by: [ ]

\*Bag #: 1

\*Site: CVAD: Purple Lumen

\*Volume (mL): 100

\*Rate (mL/hr): 10

\*pantoprazole Dose: 8 mg/hr

**Begin Bag**

OK Cancel



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7. Within the MAW window, the infusion will now appear bold with a blue checkmark beside it, indicating that all required fields have been completed and all fields match the order. Press sign to initiate the continuous infusion documentation on the MAR.

Medication Administration

Nurse Review    Create order and document.    Last Refresh at 12:44 EST

**ZZTESTIPAC, ISOTWO**    MRN: 11963220    DOB: 05/May/1992    Loc: SC2A28; A  
 Female    FIN#: 22-002743    Age: 32 years    \*\* Allergies Not Recorded \*\*

2024-Nov-28 11:29 EST - 2024-Nov-28 13:59 EST

Scheduled	Mnemonic	Details	Result
<input checked="" type="checkbox"/> <b>Continuous</b>	<b>pantoprazole</b> <b>pantoprazole (additiv...</b>	<b>Total Volume (mL): 100, IV-CONTINU...</b>	<b>100 mL, IV-CONTINUOUS, 10 mL/hr, CVAD: Pur</b>
<input type="checkbox"/> 20/Nov/2024 22:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 20/11/...	
<input type="checkbox"/> 21/Nov/2024 06:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 21/11/...	
<input type="checkbox"/> 21/Nov/2024 14:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 21/11/...	
<input type="checkbox"/> 21/Nov/2024 22:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 21/11/...	
<input type="checkbox"/> 22/Nov/2024 06:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 22/11/...	
<input type="checkbox"/> 22/Nov/2024 14:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 22/11/...	
<input type="checkbox"/> 22/Nov/2024 22:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 22/11/...	
<input type="checkbox"/> 23/Nov/2024 06:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 23/11/...	
<input type="checkbox"/> 23/Nov/2024 14:00	piperacillin-tazobactam	2.25 g = 1 vial, IV, INJ, First Dose: 23/11/...	

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8. Navigate to the MAR to confirm that there is now a 'Begin Bag' notation indicating the start time of the infusion and the infusion dose (mg/hr).

<p><b>pantoprazole (additive) 80 mg [8 mg/hr]</b>  <b>sodium chloride 0.9% (diluent) 80 mL</b>  <b>Total Volume (mL): 100, IV-CONTINUOUS, 12.5 mL/hr, Start Date: 28/11/2024 12:42:00, 2.5 kg</b></p>	<p><b>Pending</b>  <b>Last bag started:</b>  <b>2024-Nov-28</b>  <b>12:52 EST</b></p>
<p><b>Administration Information</b>  <b>pantoprazole</b>  <b>sodium chloride 0.9% intravenous solution</b></p>	<p><b>Begin Bag 100 m</b>  <b>8 mg/hr Auth (V</b></p>