

Infusions – Ordering and Modifying Bag by Bag Infusions



Key messages:

Bag by Bag infusions are ordered with a specific duration – 1 bag, 2 bags etc. Once this number of bags has been administered, the nurse can complete the order and it will drop off the MAR without the medical officer having to discontinue.

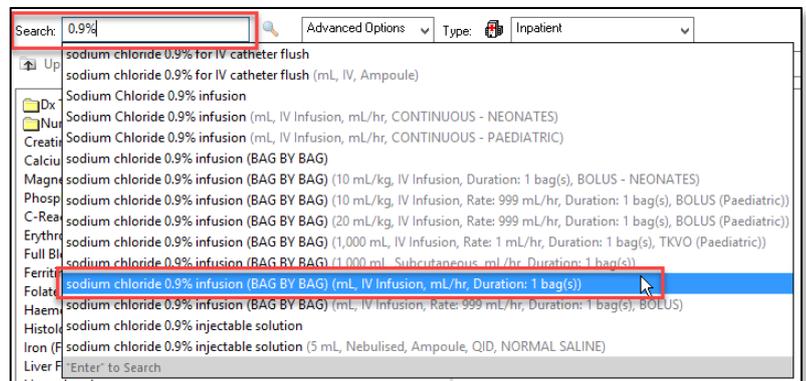
Ordering Bag by Bag Infusions

1. Navigate to Orders and Referrals and click **+Add**



2. Search for the required infusion and select the appropriate order sentence.

Note the order sentences that have a special instruction of “BOLUS” – these should only be selected if you do intend to order a fluid bolus as otherwise it will cause confusion amongst nursing staff.



3. In the **Continuous Details** window, complete the Bag Volume and either a Rate in mL/hr or an Infuse Over time in hours. (The other field will automatically calculate based on the Bag Volume.)

Base Solution	Bag Volume	Rate	Infuse Over
sodium chloride 0.9% infusion (BAG BY BAG)	1000 mL	125 mL/hr	8 hr(s)
Additive	Additive Dose	Normalized Rate	Delivers
Total Bag Volume	1000 mL		

4. Modify the duration field as required through the Details tab. Most Bag by Bag order durations are pre-defined as “1 bag(s)”.

Details | **Continuous Details**

Drug Form: Bag

Route of administration: IV Infusion

*Duration: 1

*Duration unit: bag(s)

5. Sign the order and review the MAR / MAR Summary

Continuous Infusions	Status
compound sodium lactate (Hartmann's) infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 166.67 mL/hr, 2 bag(s), First dose 09/12/2020 09:10:00, Stop date 09/12/2020 21:09:00, Total volume (mL): 1,000 Administration Information Hartmanns	Pending Not given within 5 days.
sodium chloride 0.9% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 125 mL/hr, 1 bag(s), First dose 09/12/2020 09:01:00, Stop date 09/12/2020 17:00:00, Total volume (mL): 1,000 Administration Information Sodium Chloride 0.9%	Pending Not given within 5 days.

Modifying the number of bags



Important

- Once a Bag by Bag infusion order has been signed, you **CANNOT MODIFY** the order to change the duration (ie. The number of bags).

Duration from now to end point:	<input type="text"/>
Duration unit:	<input type="text" value="v"/>

To add an additional bag:

Place a new order for the extra bag(s) required and enter an order comment to indicate to nursing staff when it should be given.

For example, let's say we placed an order for 2 bags of CSL but we now want the patient to have 3 bags. We can see the nurse has already commenced Bag 1.

Order 1	Continuous Infusions	compound sodium lactate (Hartmann's) infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 125 mL/hr, 2 bag(s), First dose 08/12/2020 16:27:00, Stop date 09/12/2020 08:26:00, Total volume (mL): 1,000	Pending Last bag started: 08/12/2020 16:28 AEDT	Begin Bag 1,000 mL 125 mL/hr
	Administration Information	Hartmanns		
Order 2	Continuous Infusions	compound sodium lactate (Hartmann's) infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 125 mL/hr, 1 bag(s), First dose 08/12/2020 16:27:00, Stop date 09/12/2020 00:26:00, Total volume (mL): 1,000 BAG 3 OF 3	Pending Not given within 5 days.	
	Administration Information	Hartmanns		

To remove a bag:

Cancel/Reorder the infusion order and change the Duration field on the Details tab (exclude the bag that is currently running)

For example, let's say we placed an order for 3 bags of 5% glucose but we now want the patient to have just 2 bags. We can see the nurse has already commenced Bag 1.

Continuous Infusions	glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 3 bag(s), First dose 09/12/2020 09:26:00, Stop date 10/12/2020 21:25:00, Total volume (mL): 1,000	End Bag 1 of 3	Pending Last bag started: 09/12/2020 09:27 AEDT	End Bag 1 of 2
	Administration Information	Glucose 5%	Begin Bag 1,000 mL 83.33 mL/hr	

1. Locate the infusion order under Orders and Referrals and **Cancel/Reorder**
2. On the "new" infusion order, go to the **Details** tab and change the **Duration** field– i.e. *In this example, change duration from 3 bags to 1 bag because we want 1 more bag after the one that is already running*
3. Enter a mandatory discontinuation reason for the "old" infusion order
4. Sign

Continuous Infusions	glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 1 bag(s), First dose 09/12/2020 09:40:00, Stop date 09/12/2020 21:39:00, Total volume (mL): 1,000	Pending Not given within 5 days.	
Administration Information	Glucose 5%		
Discontinued Continuous Infusions	glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 3 bag(s), First dose 09/12/2020 09:38:00, Stop date 10/12/2020 21:37:00, Total volume (mL): 1,000		
Administration Information	Glucose 5%		Begin Bag 1,000 mL 83.33 mL/hr

Nursing staff will document the volume infused from Bag 1 against the discontinued order via the fluid balance chart

glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 1 bag(s), First dose 09/12/2020 09:40:00, Stop date 09/12/2020 21:39:00, Total volume (mL): 1,000	End Bag 1 of 1	Pending Last bag started: 09/12/2020 10:01 AEDT	Begin Bag 1,000 mL 83.33 mL/hr
Administration Information	Glucose 5%		
Discontinued Continuous Infusions	glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 3 bag(s), First dose 09/12/2020 09:38:00, Stop date 10/12/2020 21:37:00, Total volume (mL): 1,000		
Administration Information	Glucose 5%		1,000 mL Infuse 1,000 mL Begin Bag 1,000 mL 83.33 mL/hr