Infusions – Ordering and Modifying Bag by Bag Infusions



Digital Health Quick Reference Guide

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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.

0.9%

odium chloride 0.9% for IV catheter flush

Sodium Chloride 0.9% infusion

odium chloride 0.9% for IV catheter flush (mL. IV. Ampoule)

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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 <u>only</u> be selected if you do intend to order a fluid bolus as otherwise it will cause confusion amongst nursing staff.

- 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.)
- 4. Modify the duration field as required through the Details tab. Most Bag by Bag order durations are <u>pre-defined as "1 bag(s)</u>".

Sodium Chloride 0.9% infusion (mL, IV Infusion, mL/hr, CONTINUOUS - NEONATES) Nu Creatin Sodium Chloride 0.9% infusion (mL, IV Infusion, mL/hr, CONTINUOUS - PAEDIATRIC) sodium chloride 0.9% infusion (BAG BY BAG) Calciu Magne sodium chloride 0.9% infusion (BAG BY BAG) (10 mL/kg, IV Infusion, Duration: 1 bag(s), BOLUS - NEONATES) Phosp sodium chloride 0.9% infusion (BAG BY BAG) (10 mL/kg, IV Infusion, Rate: 999 mL/hr, Duration: 1 bag(s), BOLUS (Paediatric C-Rea sodium chloride 0.9% infusion (BAG BY BAG) (20 mL/kg, IV Infusion, Rate: 999 mL/hr, Duration: 1 bag(s), BOLUS (Paediatric) Erythro odium chloride 0.9% infusion (BAG BY BAG) (1,000 mL, IV Infusion, Rate: 1 mL/hr, Duration: 1 bag(s), TKVO (Paediatric)) Full Bl dium chloride 0.9% infusion (BAG BY BAG) Ferriti 2 Folat sodium chloride 0.9% infusion (BAG BY BAG) (Haem Histole sodium chloride 0.9% injectable solution Iron (F sodium chloride 0.9% injectable solution (5 mL, Nebulised, Ampoule, QID, NORMAL SALINE) Liver F "Enter" to Search

Advanced Options 🗸 Type: 🚯 Inpatient

Orders and Referrals

Base Solution	Bag Volume		Rate		Infuse Over
뜰 sodium chloride 0.9% infusion (BAG BY BAG)	1000 mL	i i	125 mL/h	r	8 hr(s)
Additive	Additive Dose		Normalize	ed Rate	Delivers
		ľ.	23		
Total Bag Volume	1000 mL				

Petails Continuous Details							
	+ * h. ↓≥						
	Drug Form:	Bag					
	Route of administration:	IV Infusion					
	*Duration:	1					
	*Duration unit:	bag(s)					

 Sign the order and review the MAR / MAR Summary

Continuous Infusions	
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	Pending Not given within 5 days.
Administration Information	
Hartmanns	
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	Pending Not given within 5 days.
Administration Information	
Sodium Chloride 0.9%	





Modifying the number of bags

 Important Once a Bag by Bag infusion order has been signed, you <u>CANNOT MODIFY</u> the order to change the duration (ie. The number of bags). 					
		Duration from now to end point:	▼		

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.

	Continuous Infusions		
Order 1	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. Stoo date 09/12/2020 08:26:00. Total volume (mL): 1.000	Pending Last bag started: 08/12/2020 16:28 AEDT	
	Administration Information		Begin Bag 1,000 mL 125 mL/hr
	Hartmanns		
Order 2	177 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 0 F 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 (exclue 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			Ι.	
ነገ 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		Begin Bag 1,000 mL 83.33 mL/hr		
Glucose 5%				

- 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

- Enter a mandatory discontinuation reason for the "old" infusion order
- Continuous infusions
 Pending

 glucose 5% infusion (BAG BY BAG) 1,000 mL
 Not given within 5

 1,000 mL, VI Infusion, Rate: 83.33 mL/hr, 1 bag(s), First dose 09/12/2020 09:40:00, Stop days.
 date 09/12/2020 21:39:200, Total volume (mL): 1,000

 Administration Information
 Glucose 5%
 Discontinuous Infusions

 glucose 5% infusion (BAG BY BAG) 1,000 mL
 glucose 5% infusion (BAG BY BAG) 1,000 mL
 Bag 1,000 mL

 1,000 mL, VI 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
 Begin Bag 1,000 mL 83.33 mL/hr

 Administration Information
 Begin Bag 1,000 mL 83.33 mL/hr
 Begin Bag 1,000 mL 83.33 mL/hr

4. Sign

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

7) lucose 5% infusion (BAG BY BAG) 1,000 mL ,000 mL, IV Infusion, Rate: 83.33 mL/hr, 1 bag(s), First dose 09/12/2020 09:40:00, Stop ate 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			
dministration Information			Begin Bag 1,000 mL 83.33 mL/hr		
ilucose 5%					
Viscontinued Continuous Infusions					
lucose 5% infusion (BAG BY BAG) 1,000 mL ,000 mL, IV Infusion, Rate: 83.33 mL/hr, 3 bag(s), First dose 09/12/2020 09:38:00, Stop					
ate 10/12/2020 21:37:00, Total volume (mL): 1,000					
Idministration Information				1,000 mL Infuse	Begin Bag 1,000 mL 83.33 mL/hr
lucose 5%				1,000 mL	

