## Infusions – Ordering Bolus Infusions



Digital Health Quick Reference Guide

## Key messages:

There are 2 ways a bolus infusion can be ordered:

- 1. Bolus from a new individual bag
- 2. Bolus from a bag that is already running

## Bolus from a new bag

- 1. Navigate to "Orders and Referrals" and Click Add
- 2. Type into the search field "bolus infusion" this will display fluids that have been built as a bolus. BOLUS is at the end of the order sentence as a Special Instruction.
  Enter name to create sequence:

  Search:
  bolus inful

  Advanced Options v Type:
  Impatient
- 3. Select the appropriate bolus order

Note: the rate has been predefined as 999 mL/hr. This is the rate to which the Alaris pump is set when the **bolus** functionality is selected.

Search:	bolus infu	٩,	Advanced Options 🗸 🗸	Туре: 👘	Inpatient	~			
<b>A</b>	Glucose 10% infusion (BAG b sodium chloride 0.9% infusio	y BAG) (2 n (BAG B)	mL/kg, IV Infusion, 1 bag ( BAG) (10 mL/kg, IV Infu	g(s), BOLUS - sion, 1 bag(s	NEONATES) ), BOLUS - NEONAT	(ES)			
C Orders	sodium chloride 0.9% infusio	n (BAG B)	/ BAG) (mL, IV Infusion, F	late: 999 mL/	(hr, 1 bag(s), BOLUS	)			
⑦   ⊿ S W	sodium chloride 0.9% infusio sodium chloride 0.9% infusio	n (BAG B) n (BAG B)	<b>( BAG)</b> (10 mL/kg, IV Infu <b>( BAG)</b> (20 mL/kg, IV Infu	sion, Rate: 99 sion, Rate: 99	99 mL/hr, 1 bag(s), 8 99 mL/hr, 1 bag(s), 8	30LUS (Paediatric)) 30LUS (Paediatric))			
⊿ Cont	compound sodium lactate (Hartmann's) infusion (BAG BY BAG) (mL, IV Infusion, Rate: 999 mL/hr, 1 bag(s), BOLUS)								
	"Enter" to Search								

4. Enter the required volume in mL in the bag volume section. The infuse over time will automatically recalculate based on the rate of 999 mL/hr.

Note: The Infuse Over time may be inaccurate for bolus infusions due to this automatic calculation. However, **only the rate** will appear on the MAR/MAR summary.

😭 Details 1 Continu	Jous Details 📗 Ord	er Comments 🛛 🗋 Di	agnoses					
		1						
Base Solution		Bag Volume	Rate	Infuse Over				
🔚 sodium chloride 0.9%	infusion (BAG BY BAG	) 500 mL	100 mL/hr	0.5 hr(s)				
Additive		Additive Dose	Normalized Rate	Delivers	Occurrence			
			123					
Total Bag Volume		500 mL						
Weight:	Weight Type:	Result	dt/tm:					
70 kg 🗸	Clinical Weight	22/09/2	2020 10:07					

▼ Dataily for sodium chloride 0.9% infusion (BAG BY BAG) 500 mL

5. Review the remaining fields including the **Details tab.** The Order Priority can be modified if applicable (i.e. to NOW)

	n chloride	e 0.9% infusior	n (BAG BY BAG	i) 500 mL		
😭 Details 1 Continu	ous Details 🏢	Order Comments	Diagnoses			
<b>+ 1</b> h. ↓≥						
Drug Forn	n: Bag	~		Route of administration:	IV Infusion 🗸	]
*Duration	n: 1			*Duration unit:	bag(s) 🗸	]
*First Dose Date / Time	e: 05/10/2020	<b>↓ ↓</b> 1323	AEDT	Indication:		]
Priorit	y: Routine	~		Stop Date/Time:	05/10/2020	AEDT
Stop typ	e: Physician Sto	op 🗸		Bolus Dose:		]
Bolus Dose Uni	t:			Titrate Instructions:		]
Special Instruction	s: BOLUS	^		Patient's Own Meds:	C Yes C No	
		~		Approval Number:		]

6. Check the order, Sign and Refresh





7. Navigate to the MAR and verify that your order is correct

Medications	05/10/2020 16:34
Continuous Infusions	
े ल	Pending
sodium chloride 0.9% infusion (BAG BY BAG) 500 mL	Not given within 5
500 mL, IV Infusion, Rate: 999 mL/hr, Duration: 1 bag(s), First dose 05/10/2020 13:23:00, Stop date 05/10/2020 13:52:00, BOLUS,	days.
Total volume (mL): 500	
Administration Information	
Sodium Chloride 0.9%	

## Bolus from a bag that is already running

- 1. Select Orders and Referrals
- Under "View", select the Continuous Infusions section to view existing infusion orders



 Right click the order you wish to bolus from and select 'Modify'

4	Continuou	s Infusions				
	<u> </u>	sodium chloride 0.9% infusion (BAG BY BAG) 1,000 mL	Ordered	1,000	) mL,	IV Infusion, Rate: 125 mL/hr, Duration: 1 bag(s),
	Consults					Renew
	$\checkmark$	Pharmacy Daily Chart Review	Ordered	04/0		Modify
				Orde		Copy
4	Referrals					
	$\checkmark$	TPN Referral	Ordered	10/0		Cancel/Keorder
						Suspend

- 4. Select the Details tab
- 5. Enter Bolus Dose and Bolus Dose Unit

<b>_</b>	Details for <b>SO</b>	dium chlori	de 0.9% infusion (E	AG BY E	3AG) 1000 mL					
ľ	🕈 Details 🎁 🤇	Continuous Details	III Order Comments	gnoses						
	<b>+ %</b> II.	¥ ×								
		Drug Form:	Bag	~	Route of admin	stration	: IV Infusion		~	
	*Duration from	now to end point:			*Durat	ion unit	:		~	
	Firs	t Dose Date / Time:	05/10/2020	▲ A	EDT In	dication	:			
		Priority:	Routine	~	Stop Da	te/Time	: 06/10/2020	<b>↓ ↓</b> 0104		AEDT
		Stop type:	Physician Stop	~	Во	us Dose	: 500			
		Bolus Dose Unit:	mL		Titrate Inst	ructions	:			
	6. Sele	Ct Orders Fo	or Sjgnature							

- 7. Check the order, Sign and Refresh
- 8. Navigate to the MAR and verify that your order is correct before communicating with nursing staff.

Medications	06/10/2020 01:05	05/10/2020 17:44	05/10/2020 17:05
Continuous Infusions			
sodium chloride 0.9% infusion (BAG BY BAG) 1,000 mL 1 000 mL 1V Infusion, Rate: 125 mL/hr, Duration: 1 bag(s), First dose 05/10/2020 17:05:00, Stop date 06/10/2020 01:04:00, Bolus Dose: 500 mL Total volume (mL): 1,000	End Bag 1 of 1	Pending Last bag started: 05/10/2020 17:05 AEDT	
Administration Information			Begin Bag 1,000 mL 125
Sodium Chloride 0.9%			