



## EMR Quick Reference Guide

### Infusions – Ordering and Creating Infusion Sequences

This QRG explains how to order a **sequence** – 2 or more infusions in a specific order of administration. It will cover:

- [Ordering a pre-built NAC Sequence](#)
- [Creating your own Sequence](#)
- [How to add to an existing Sequence](#)

- The EMR contains the following **pre-built** infusion sequences:
- Acetylcysteine (NAC) ADULT (2 bag protocol)
  - Acetylcysteine (NAC) PAED > 20kg
  - Acetylcysteine (NAC) PAED </= 20kg
  - Acetylcysteine (NAC) PAED < 2 years
- A user can also create their own sequence of infusions

#### ORDERING A PRE-BUILT NAC SEQUENCE

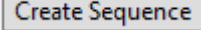
1. Searching 'NAC' or 'Acetylcysteine' will display the pre-built sequences (denoted by the blue icon). Select the appropriate sequence and the infusions within in will appear in the bottom half of the screen.

Search:  Advanced Options Type:  Inpatient

- Acetylcysteine (NAC) infusion for paracetamol overdose - ADULT (2 bag protocol)
- Acetylcysteine (NAC) infusion for paracetamol overdose - PAED <2yrs
- Acetylcysteine (NAC) infusion for paracetamol overdose - PAED </=20kg
- Acetylcysteine (NAC) infusion for paracetamol overdose - PAED >20kg

Acetylcysteine (NAC) infusion for paracetamol overdose - ADULT (2 bag protocol) consists of these orders:

- acetylcysteine (first infusion) infusion 200 mg/kg in Glucose 5% 500 mL BAG BY BAG (2 bag regimen)
- acetylcysteine (second infusion) infusion 100 mg/kg in Glucose 5% 1000 mL BAG BY BAG (2 bag regimen)

2. Click 
3. The EMR dose calculator will launch and calculate the dose for each NAC infusion. Review and click Apply Dose.
4. Review the order sentence for each infusion in the sequence. Click an infusion to make any modifications (e.g. to add an order comment).

Continuous Infusions				
Acetylcysteine (NAC) i...				
Acetylcysteine (NAC) i...				
acetylcysteine (additive) 12400 m...	Order	19/10/2020 15:10	500 mL, IV Infusion, Rate: 125 mL/hr, 1 t	BAG 1 OF SEQUENCE (Bag 1 of 2). Max
acetylcysteine (additive) 6200 mg...	Order	19/10/2020 19:10	1,000 mL, IV Infusion, Rate: 62.5 mL/hr,	BAG 2 OF SEQUENCE (Bag 2 of 2) or BA



- Sign, and review the MAR.
- The sequence will appear on the MAR under its own heading.

**\*Note\*:** the second infusion in the sequence has a grey pending tile and cannot be commenced until:

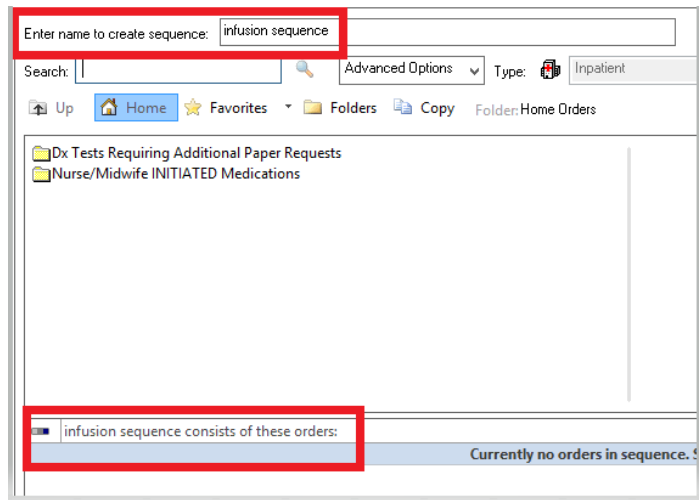
- the first infusion has been completed by nursing staff
- the 'expected' start time of the second infusion has arrived.

Acetylcysteine (NAC) infusion for paracetamol overdose - ADULT (2 bag protocol) - 1	
acetylcysteine (additive) 19,000 mg glucose 5% infusion (BAG BY BAG) 500 mL 500 mL, IV Infusion, Rate: 125 mL/hr, 1 bag(s), First dose 12/10/2020 13:43:00, Stop date 12/10/2020 17:42:00, Total volume (mL): 500 BAG 1 OF SEQUENCE (Bag 1 of 2). Maximum acetylcysteine: 22g Target Dose: acetylo...	Pending Not given within 5 days.
<b>Administration Information</b> acetylcysteine Glucose 5% in Water intravenous solution	
acetylcysteine (additive) 9,500 mg glucose 5% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 62.5 mL/hr, 1 bag(s), First dose 12/10/2020 17:43:00, Stop date 13/10/2020 09:42:00, Total volume (mL): 1,000 BAG 2 OF SEQUENCE (Bag 2 of 2) or BAG 3 IF REQUIRED (refer to ED flipchart) Maxim...	Pending Not given within 5 days.
<b>Administration Information</b> acetylcysteine Glucose 5% in Water intravenous solution	

### CREATING YOUR OWN SEQUENCE

- On the Orders page, click Add and type the name of your sequence into the 'Enter name to create sequence' field

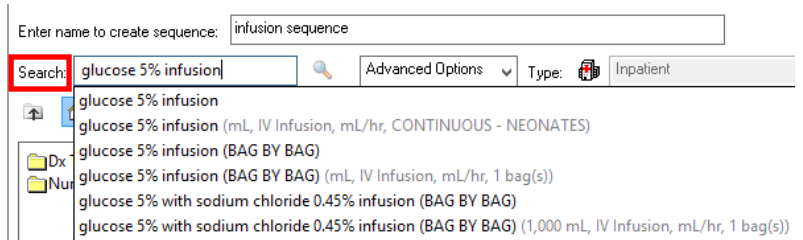
As the user adds infusions, the sequence will begin to populate in the bottom half of the screen.



- Use the Search field to add infusion orders to your sequence

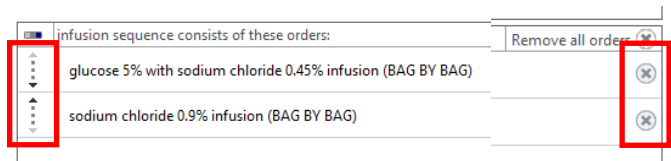
**\*Note\*:** ONLY truly continuous or bag-by-bag infusion orders will appear in search results when creating a sequence.

**\*Note\*:** Do NOT use bolus infusion orders within a sequence. If an infusion is completed prior to the 'expected' time (i.e. given as a bolus), the next infusion will become active on the MAR, but not the MAW.

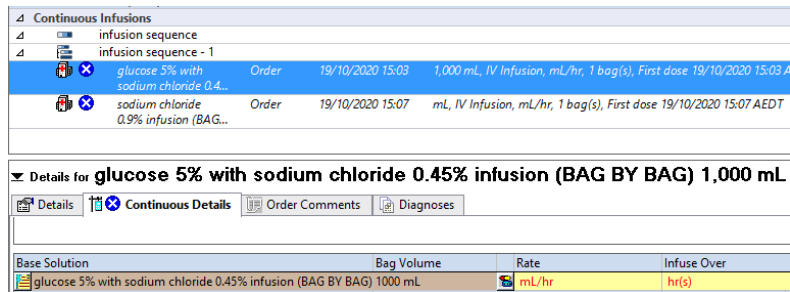


- Re-order / remove infusions in your sequence as required and then click

Create Sequence



10. Review the order sentence of each infusion in your sequence. Click each infusion to complete the mandatory fields:



11. Sign, and review the MAR.

12. The sequence will appear on the MAR under its own heading.

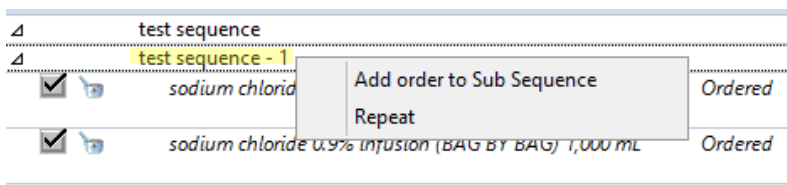
**\*Note\*:** the second infusion in the sequence has a grey pending tile and cannot be commenced until:

- the first infusion has been completed by nursing staff
- the 'expected' start time of the second infusion has arrived.

infusion sequence - 1		
glucose 5% with sodium chloride 0.45% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 166.67 mL/hr, 1 bag(s), First dose 19/10/2020 15:41:00, Stop date 19/10/2020 21:40:00, Total volume (mL): 1,000		Pending Not given within 5 days.
<b>Administration Information</b> Glucose 5% w/ Sodium Chloride 0.45%		
sodium chloride 0.9% infusion (BAG BY BAG) 1,000 mL 1,000 mL, IV Infusion, Rate: 83.33 mL/hr, 1 bag(s), First dose 19/10/2020 21:41:00, Stop date 20/10/2020 09:40:00, Total volume (mL): 1,000		Pending Not given within 5 days.

### HOW TO ADD TO AN EXISTING SEQUENCE

13. Locate the sequence on the Orders page.  
Right click on the title with '-1' and select 'Add order to Sub Sequence'



14. The search window will display. Search for and select the appropriate infusion order and click Done.

15. The new infusion order will be added to the end of the sequence.

16. Complete the mandatory fields, sign, and review the MAR.

**\*Note\*:** It is not recommended that you modify an infusion once a sequence is already underway. This can create confusion on the MAW and there is a risk nursing staff will not commence subsequent infusions at the intended time. If a modification is required, Cancel/DC the existing sequence, and place a new order.