



Commence and Manage Subcutaneous Continuous Infusions – NIKI Pump (including Cyclizine Subcutaneous Infusions)

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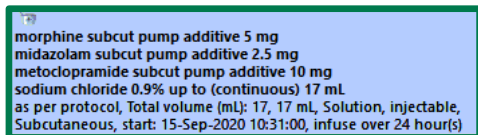
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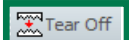
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Subcutaneous infusions (e.g. NIKI Pumps) require documentation in both the MAR and Interactive view.

Commencement of Infusion

1. Click *MAR* from the *Menu*.
2. Locate the subcut pump (NIKI) order:





3. Expand the order sentence box by dragging it out. This will allow the dose of each medication to be viewed.
4. Select the *Tear Off*  function in the toolbar.



The *Tear Off* function allows you to view two pages within *PowerChart* on the same screen - this is essential when documenting a subcut pump infusion.

5. With the now smaller *MAR* window, scroll down to locate the subcut pump order, then drag the window to the right of the screen.
6. Select *Interactive View* from the *Menu*.

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- Navigate to the *Adult Lines – Devices* band (to view *Subcutaneous Infusion Device* you may need to customise the view by selecting the *Customise* icon ).
- Select the **Subcutaneous Infusion Device** section.
- Create a *Dynamic Group*  (this will set up the information for ongoing monitoring and documentation of the NIKI pump).
- Select or type any required information for the subcutaneous infusion pump (*Device Type, Site & Laterality*).

- Complete all relevant information required for documenting the preparation of the syringe & pump set-up under the newly created dynamic group heading using the *MAR* tear off page (example):

Subcutaneous Infusion Device	
NIKI abdo Right	
Number of Additives	3
Additive 1 Name	Morphine
Additive 1 Ampoule Concentration	10mg/ml
Additive 1 Volume	0.5 mL
Additive 2 Name	Midazolam
Additive 2 Ampoule Concentration	5mg/5ml
Additive 2 Volume	2.5 mL
Additive 3 Name	Metoclopramide
Additive 3 Ampoule Concentration	10mg/2ml
Additive 3 Volume	2 mL
Diluent Type	Sodium Chloride 0.9%
Diluent Volume	12 mL
Total Volume	17 mL
Continuous Infusion Rate	0.71 mL/hr
Subcut infusion volume after priming	mL
Site Condition	
Device Check	
Volume Remaining	mL

Morphine

$$5\text{mg} \div 10\text{mg} \times 1\text{mL} = 0.5\text{mL}$$

Midazolam

$$2.5\text{mg} \div 5\text{mg} \times 5\text{mL} = 2.5\text{mL}$$

Metoclopramide

$$10\text{mg} \div 10\text{mg} \times 2\text{mL} = 2\text{mL}$$

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The rate in the order sentence states 'As Per Protocol' – this will be determined by the pump.

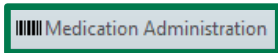
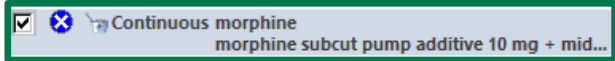
12. If the infusion is for Cyclizine, ensure the correct diluent is selected (as Cyclizine is only compatible with Water for Injection (example):

Subcutaneous Infusion Device	
▶ NIKI Abdo Left	
▶ NIKI Abdo Right	
◀ <NIKI Abdo Left>	
◆ Number of Additives	1
◆ Additive 1 Name	Cyclizine
◆ Additive 1 Ampoule Concentration	50mg/mL
◆ Additive 1 Volume	mL 2
Diluent Type	Water for Injection
Diluent Volume	mL 15
Total Volume	mL 17
Continuous Infusion Rate	mL/hr 0.71
Subcut Infusion volume after priming	mL 16.6

13. Select the green tick to sign off the documentation in *Interactive View*.
14. Type or search for the witness name in the *Witnessed By* field, then select *OK*.
15. The witness will now enter their details and password to co-sign the subcutaneous infusion device documentation.
16. Re-attach the *MAR* window by clicking the  button.



Ensure a dynamic group has also been created within the 'Subcutaneous Lines' section to document the line inserted and ongoing site cares/reviews.

17. Navigate to the *MAR* and review the subcut pump order.
18. Open the *Medication Administration Wizard*  and scan the patient's ID band for PPID.
19. Place a tick in the checkbox next to the subcutaneous continuous infusion (NIKI) pump order 
20. Click in the *Result* column next to the order to open the administration window.
21. Complete any mandatory fields, enter *Nurse Witness* and click *OK*.
22. Nurse witness to enter *Password* and click *OK*.



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23. Click *Sign*.

24. *Refresh* the *MAR*.

Documenting Ongoing NIKI Infusion Observations

The primary nurse documents all assessment findings in Interactive View via the Tasks generated on CareCompass.

These assessments include:

- Vital Signs
- Subcutaneous Infusion Device Check
- Line Care
- Pain Assessments

These orders can be placed as part of the *Terminal Care Management Adult PowerPlan* or can be ordered individually as required.

Hourly Device Checks

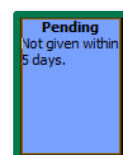
1. Navigate to *Interactive View > Adult Lines – Devices > Subcutaneous Infusion Device* section.
2. Locate the *NIKI pump* dynamic group.
3. Document the following:
 - Site condition
 - Device check (click the hyperlink for reference text)
 - Volume remaining (*this will be the remaining volume determined by the pump or syringe*)

Site Condition	No complications
Device Check	Yes
Volume Remaining	mL 15

4. *Green tick* ✓ to sign.

Syringe Change

1. Click *MAR* from the Menu.
2. Locate the *Pending Task Cell* for the NIKI pump order and click on it.

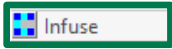
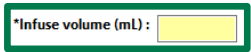

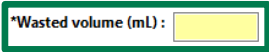
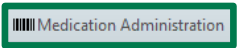
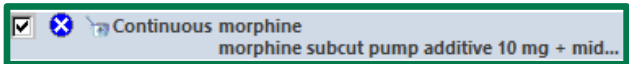


MA - Commence and Manage Subcutaneous Continuous Infusions – NIKI Pump, v2.0, MA009, 30/06/2021



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- Click on Infuse. 
- Specify the volume infused  and click *Apply*.
- Click on *Waste*. 
- Enter the volume being discarded (as identified on the syringe driver).

- Type the witness name in the *Witnessed by* field.
- Click *Apply*.
- Nurse witness to enter *Password* and click *OK*.
- Use the *Green tick* ✓ to sign.
- Refresh* the *MAR* and review the Subcut Pump Order.
- To commence a new syringe, open the *Medication Administration Wizard*
, scan the patient's ID band for PPID.
- Place a tick in the checkbox next to the subcutaneous continuous infusion (NIKI) pump order. 
- Click in the *Result* column next to the order to open the administration window.
- Complete any mandatory fields, noting that the *Bag # automatically populates* to the next bag, enter *Nurse Witness* name and password and click *Ok*.
- Use the *Green tick* ✓ to sign.
- Navigate to the *MAR* and review documentation.
- Navigate to Interactive View and complete relevant documentation including:
 - Additive details
 - New Volume details
 - Rate



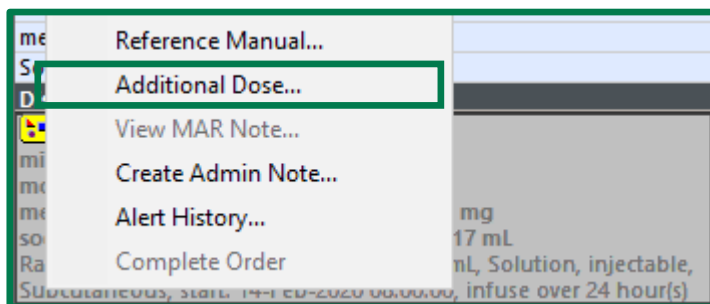
If there is a site change a new Dynamic Group for both the line and device must be created. If no site change has occurred, the existing Dynamic Group can be continued, with updated additive, volume and rate details as required.

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Ceasing Continuous Subcutaneous Infusion

1. When the subcutaneous infusion is no longer required, the prescriber is to *Cancel/Discontinue* the NIKI infusion order.
2. Click *MAR* from the *Menu*.
3. Locate the discontinued infusion in the *Discontinued Continuous Infusions* section.
4. Right Click on the order and select '*Additional Dose*'.



5. Use the mini menu to enter any *Waste/Infused* Amounts, *Rate Changes* etc. as per previous documentation, using the *Green tick* ✓ to sign.
6. Navigate to *Interactive View* > *Subcutaneous Infusion Device* section.
7. Right click on the *Dynamic Group* and *Inactivate*.
8. If required, also:
 - a. Document removal of the *Subcutaneous Line* and inactivate the *Dynamic Group*
 - b. Cancel any patient care orders for *Subcutaneous Infusion Device Check* and *Line Care*.

Discontinued and a New Subcutaneous Infusion Order

1. Complete the steps listed above to document cessation of the discontinued subcutaneous infusion order.
2. *Refresh* the *MAR*.
3. Locate the new NIKI pump order under Continuous Infusions.
4. Complete the steps listed above to commence the new subcutaneous infusion NIKI pump order.