

PCA/NCA with Glucose 5% as diluent

Medication Management

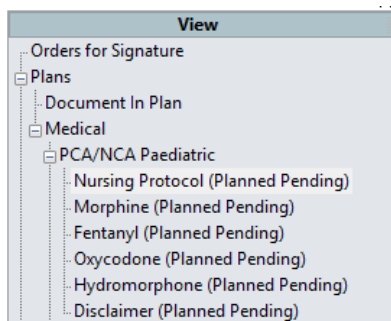
Quick reference guide (QRG)

Where a patient requires a PCA/NCA with Glucose 5% as the opioid diluent instead of the standard sodium chloride 0.9%, the prescriber will need to manually generate a modified infusion bag.

Refer to the Acute Pain Service Pain Guideline for dosing reference and infusion parameters.

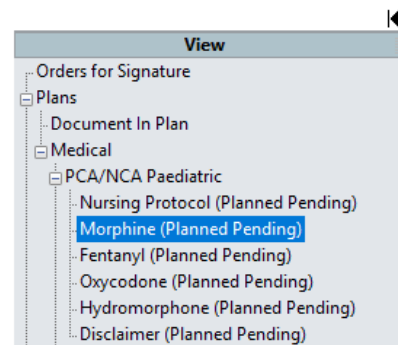
Refer to the Quick Reference Guide **"PCA/NCA – paediatric ordering"** for additional information if required.

1. In **Orders** tab, **Add Order** and search PCA. Select **PCA/NCA Paediatric** PowerPlan and click **Done**
2. Using the View panel on the Orders tab locate the Powerplan. There are 5 phases listed. The Nursing Protocol phase will be highlighted.

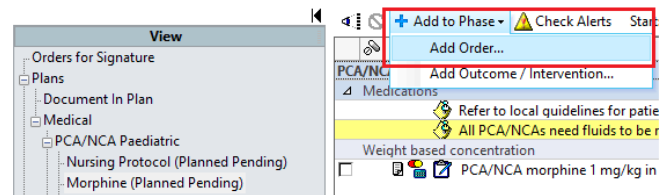


3. Select the **Initiate Now** button for Nursing Protocol phase (bottom right corner)

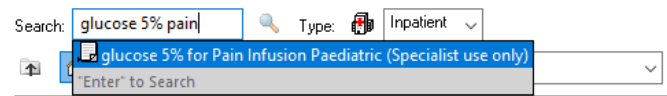
Plan for Later
Initiate Now
4. Next select the required opioid phase by clicking on the phase name in the **View** panel e.g. morphine



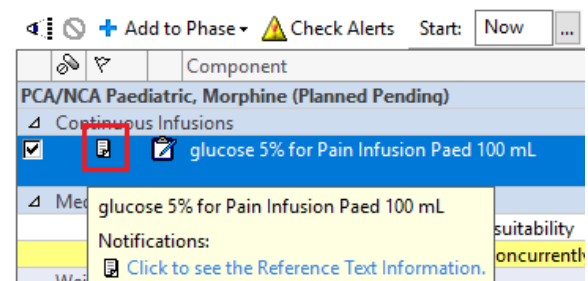
5. In the morphine phase click on **+ Add to Phase** and select **Add Order**



6. In the **Search** field, type "glucose 5% pain" and select "glucose 5% for Pain Infusion Paediatric (Specialist use only)"



7. Close search box by clicking **Done**
8. Locate the glucose 5% infusion order within the phase
9. Click on the **Reference Text** icon for opioid additive dosing and max. additive dose or refer to the Paediatric Pain Management Guide



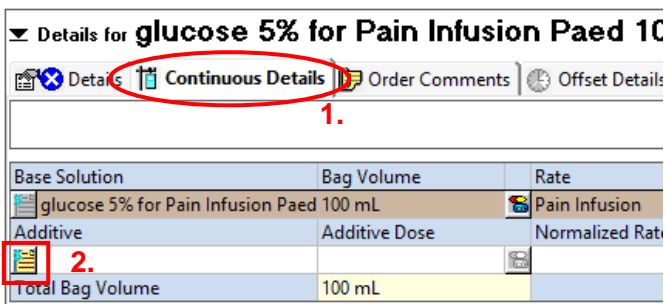
From here the opioid additive and dose is selected. Note – there is not a dose set into the calculator or any dose capping like what is found

in the normal PCA/NCA orders – ensure dose guidelines are adhered to.


- Click on the “glucose 5% for Pain Infusion Paed” order. If the Order Entry Field (OEF) is not available at the bottom of the screen, left click on order details to highlight and open up OEF.

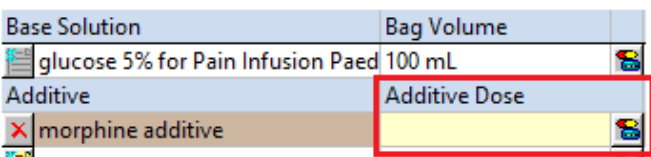
Note: Order parameters need to be completed before order can be initiated

- In the **Continuous Details** tab click on the **Additive** icon

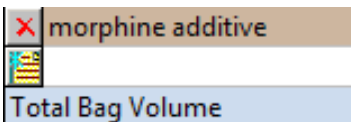


- An **Add Order** window will appear and in the **Search** field, type the opioid name e.g. “morphine” and select “morphine additive” and click **Done**

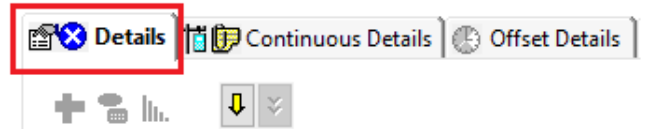
- Specify the dose required in the **Additive Dose** field, alternatively open the dose calculator by clicking the  and add the dose per kg e.g. morphine 1 mg/kg



- Add the patient's weight in the bottom left hand corner




- Click on the **Details** tab and complete the following order parameters:



- Infusion Technique – PCA or NCA
 - Bolus Dose Amount (mL)
 - Lockout Time (minutes)
 - Initial Infusion Rate (mL/hr)
 - Continuous infusion rate range e.g. 0 - 2
 - Continuous infusion rate range unit mL/hr
 - Titrate instructions e.g. 0.5 mL/hr
- Reversal Orders** - naloxone dose will auto populate based on the patient's weight. If

*Infusion Technique: <input type="text"/>	*Route of Delivery: <input type="text"/>
*Bolus Dose Amount: <input type="text"/> mL	Lockout Time: <input type="text"/> minute(s)
Initial Infusion Rate: <input type="text"/> mL/hr	Continuous infusion rate range: <input type="text"/>
Continuous infusion rate range Unit: <input type="text"/>	Titration Instructions: <input type="text"/>
Special instructions: <input type="text"/>	Requested start date/time: <input type="text"/>

the weight is not current the dose field needs to be completed, all other fields will be prepopulated.

- Consult to Acute Pain Service** order is preselected – untick (unless APS consult is required)
- Click on **Initiate Now**
- Click **Orders for Signature, with opportunity for final review, and then sign**
- Review PCA/NCA and Naloxone orders on the MAR (identified with  icon)

