

## PCANCA – commencing

### Medication Management

#### Quick reference guide

#### Prepare a PCANCA Infusion

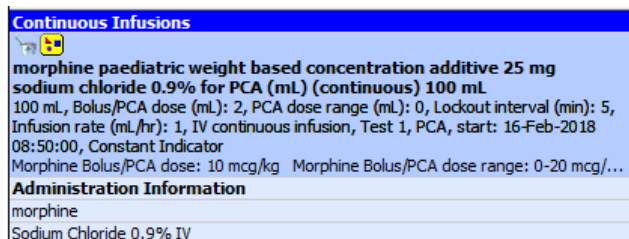
1. Locate the order in **CareCompass**. Pain infusions will fall on the **PRN/Continuous** tab of the activity window

As you are unable to action medication orders from CareCompass you will need to navigate to the **MAR**.

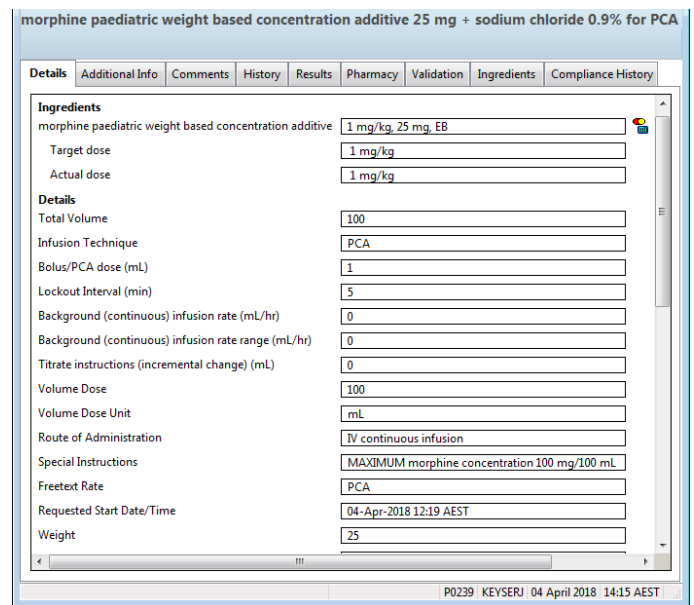
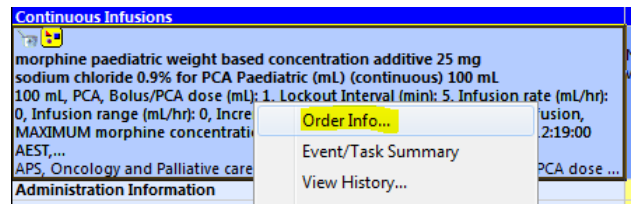
Right click on the chevron beside the patient's name and select **MAR**.



2. Navigate to the **Continuous Infusions** section of the **MAR**.

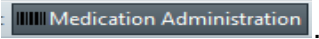


3. Expand the order sentence box by dragging the borders out. Review the order carefully by hovering over the order to ensure you see the special instructions and order comments. Alternatively right click the order and select **Order Info...** to see the order in an easy to read format.

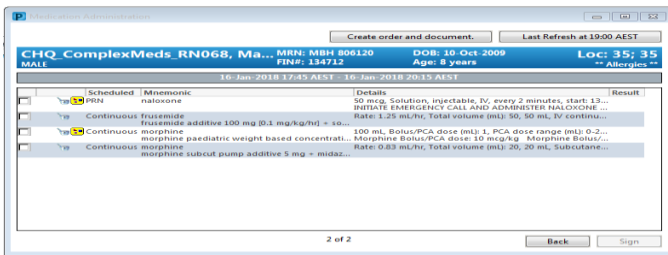


4. Prepare the infusion and program the pump according to the order. 2 RNs to independently double check the order and program the pump according to CHQ Procedure 01003 Opioid Infusion.

#### Commence an Infusion

1. At the bedside, open ieMR.
2. Perform a verbal PPID check from the **Banner Bar** to ensure that you have the correct chart open.
3. Open the **Allergies** window by clicking on allergies in the table of contents and mark all as reviewed.
4. Open the **MAW** .
5. Perform barcode scanning. The following window will open:

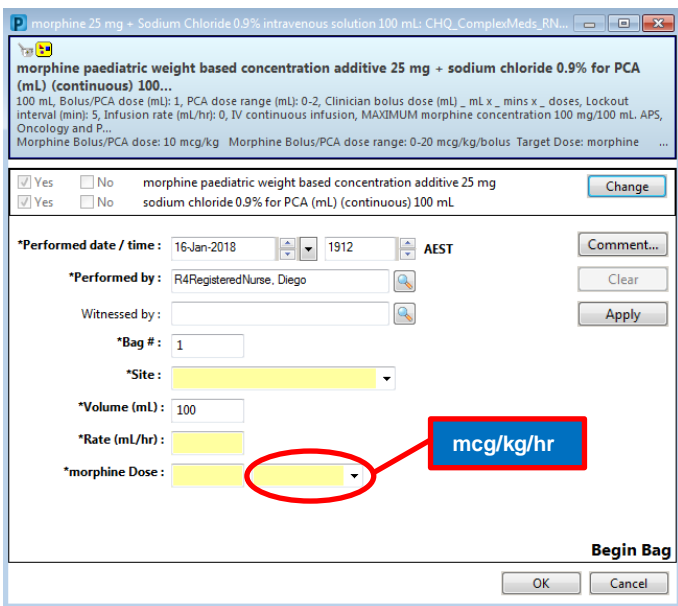




6. Tick the box beside the pain infusion order. Click on the result column to complete the remainder of the required documentation.



7. The **Begin Bag** administration window will open. Perform required medication checks against the order and pump settings.
8. Enter the nurse witness in **Witnessed by**.
9. Enter the **Site & Rate (mL/hr)**.
10. Using the dropdown arrow select the drug dose unit - **mcg/kg/hr** – the drug dose will then populate the correct value based on the order.



11. Click **OK**, enter nurse witness password.

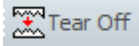


12. Select **Sign**, then refresh the **MAR**.
13. The pending task will now reflect that the bag has started. The action line and the end bag task have populated (note, you may not see End Bag task as it may be scheduled in the future).

morphine paediatric weight based concentration additive 25 mg + sodium chloride 0.9% for PCA (mL) (continuous) 100... 100 mL, Bolus/PCA dose (mL): 1, PCA dose range (mL): 0-2, Clinician bolus dose (mL) _ mL x _ mins x _ doses, Lockout interval (min): 5, Infusion rate (mL/hr): 0, IV continuous infusion, MAXIMUM morphine concentration 100 mg/100 mL APS, Oncology and P... Morphine Bolus/PCA dose: 10 mcg/kg Morphine Bolus/PCA dose range: 0-20 mcg/kg/bolus Target Dose: morphine ...	<b>End Bag</b>	<b>Pending</b> Last bag started: 16-Jan-2018 19:22 AEST	Begin Bag 100 250 mcg/kg/hr
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### Setting Up a Dynamic Group – PCA/NCA


This should be completed when first commencing a PCA/NCA infusion.

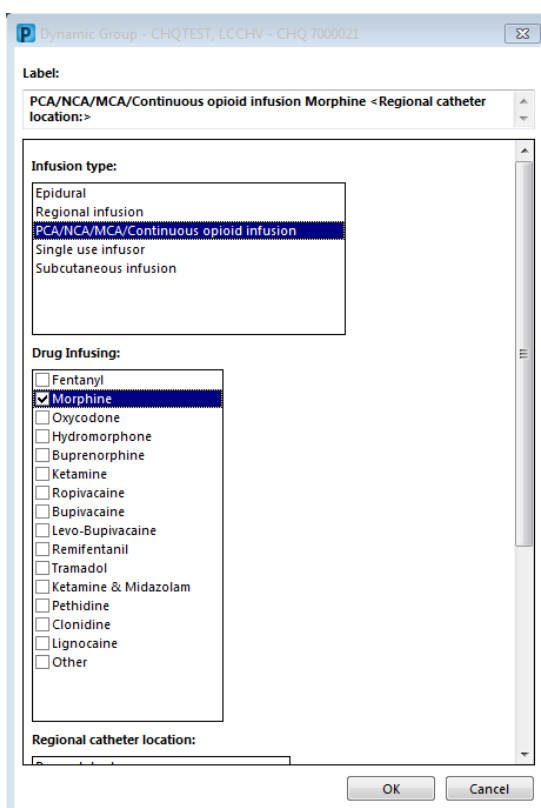
1. With the order visible in continuous infusion section of the MAR select  **Tear Off** from the toolbar to view the PCA/NCA order in a second screen. Position this so you can read the order.

**Note:** Use this window to confirm the details of the order at the following times:

- a. At the initial setup of the dynamic group.
- b. On transfer or at change of shift.
- c. When changing the pump settings e.g. bolus dose



- In the main window select **Interactive view** from the **Menu**.
- Navigate to the **Paediatric Lines and Devices** band, select the **Pain Infusion** subheading.
- Create a dynamic group for the pain infusion.  

- Select **Infusion type** and **Drug infusing**, then **OK**.



Once you have created the label for the dynamic group complete the required details, referencing the order in the tear off screen:


- Is this a maternity patient – N/A or no.
- Assessment type – Routine.
- Activity – Planned.
- Select infusion type **PCA/NCA/MCA/Continuous opioid infusion**.
- Enter **PCA mode**.

- Patient controlled analgesia (PCA)**.
  - Continuous infusion** - select if an infusion range is prescribed even if not in use.
  - Nurse/midwife controlled analgesia (NCA)**.
- Number of drugs infusing can be left blank as drug name is included in the dynamic group label.
  - Pump settings checked & locked** – click on blue writing for reference text if required.
    - Perform an independent double check of pump settings with 2 RNs – complete nurse witness box at end of dynamic group for second checker
  - Complete following (omit **dose limit** fields).

Pump settings checked & locked		Yes
◇ Patient/Nurse/Midwife control bolus dose		2
◇ Patient/Nurse/Midwife control bolus unit		mL
◇ Lockout interval	minute(s)	5
◇ Dose limit		◇
◇ Dose limit unit		◇
◇ Dose limit interval	hour(s)	◇
◇ Continuous infusion rate		1
◇ Continuous infusion unit		mL/hr
◇ Number of demands		0
◇ Number of deliveries		0

- Confirm **Line labelled and checked**.

Note, completion of **Patent IV access** is only necessary for epidural and regional infusions.

- Clinician bolus dose given** is for additional boluses given by APS via infusion pump – see documenting for NCA bolus section.
- Enter **yes** into **Nurse/Midwife Witness**.
- Re-attach the tear-off **before** saving and entering nurse witness password.
- Click the  to save.
- A nurse witness box will open, search for the nurse witness by name.



15. Nurse witness to enter username and password and select OK.

**You have completed commencing a PCA/NCA infusion and setting up a dynamic group.**

**Glossary for Completing Pain Infusion Dynamic Group**

The following list will be helpful when completing interactive view:

Is this a Maternity patient? No or skip.

Assessment type select from the following list:

- **Routine** – use when setting up a new infusion or performing routine observations.
- **Change of care giver** – use when documenting the check that occurs at change of shift or on patient transfer.
- **Change of prescription** – use when documenting a change in prescription and subsequent pump settings e.g. increase in bolus, change of lockout.
- **New bag** – do not use. New bags will be recorded in the MAR.

Activity select from the following list:

- **Planned** – use as default.
- **Inserted** – do not use.
- **Present on admission/transfer** – do not use.
- **Discontinued** – do not use.

**Infusion type**

- **Epidural**
- **Regional infusion** – select if using a pump.
- **PCA/NCA/MCA/Continuous opioid infusion**
- **Single use infusor** – e.g. On-Q Pain Infusion.
- **Subcutaneous infusion** e.g. CADD pump. Do not use for NIKI pumps.

