

Foundational – Pain Modalities

Pain Modalities include the following types of infusions: intravenous, subcutaneous, epidural, intrathecal, nerve block and wound. Follow HO policy and processes in management of pain modalities.

This reference guide covers the following topics:

- Ordering Pain Modalities
- Administering and Documenting Pain Modalities
- Administering Clinician Bolus
- Reviewing Pain Modalities Result
- Changing Pump Settings
- Changing New Bag/Syringe with Same Medication
- Changing of Shift/End of Shift
- Discontinuing Pain Modalities

Ordering Pain Modalities

Provider Steps:

Select and place orders in **Powerplan** to include the following:

1. Select correct medication.
2. Verify and/or enter additional parameters within medication order (e.g. Continuous rate, intermittent bolus or clinician bolus).

Administering and Documenting Pain Modalities

Nurse Steps:

1. Review orders and assess patient prior to initiating medication.
2. Click **Medication Administration Wizard**  Medication Administration .
 - Closed Loop Medication Administration is maintained during this process



NOTE: Range Dose Warning may appear.

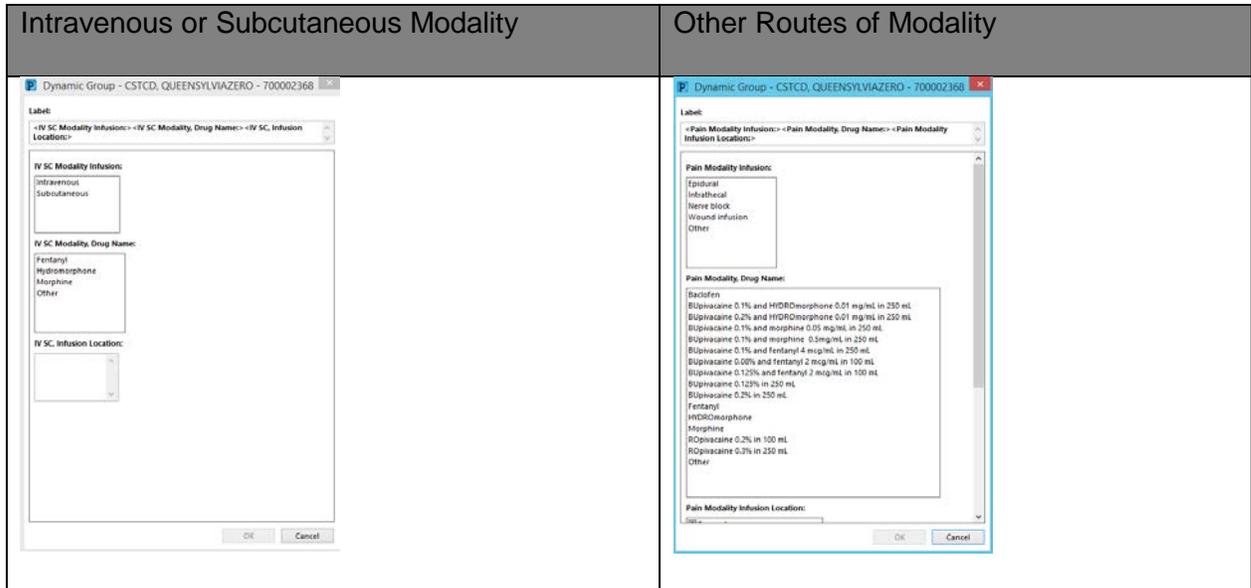
3. Click **Results** column in the Medication Administration window to complete required fields.

4. Document infusion site and infusion rate in the Begin Bag window.
 - Enter secondary verification/witness information as per policy and guideline

! **WARNING:** Infusion rate is always “0”. If there is a continuous rate, the rate will be documented within Interactive View and I&O.

5. Click **MAR** from the Menu.
6. Open the selected order and right click to select **Order Info**.
 - Program pump settings accordingly

7. Click **Interactive View and I&O** from the Menu.
8. Click **Pain Modalities** section.
9. Click **Dynamic Group**  to create a new route of infusion.



10. Complete documentation against infusion pump.

- For patient controlled dose, document patient controlled dose, unit of measure, dose limit and/or max dose as per settings.

Patient Controlled Dose	
Patient Controlled Dose Unit of Measure	
Lockout Time	minute
4 Hour Dose Limit	
4 hour Dose Limit Unit of Measure	
1 Hour Dose Limit	
1 Hour Limit Unit of Measure	

- For continuous rate, document continuous rate and unit of measure as per settings.

Continuous Rate	
Continuous Rate Unit of Measure	

- For intermittent dose, document intermittent dose, unit of measure and frequency of delivery as per settings.

Program Intermittent Bolus	Yes
Programmed Intermittent Dose	◇
Programmed Intermittent Unit of Measure	◇
Programmed Intermittent Frequency	◇

11. Document other assessments and interventions in appropriate Interactive View and I&O sections (e.g. Vital Signs, Medication Education, Pain Education).

Administering Clinician Bolus

Nurse Steps:

1. Click **MAR** from the Menu.
2. Open the selected order and right click to select **Order Info**.

- Program pump settings accordingly



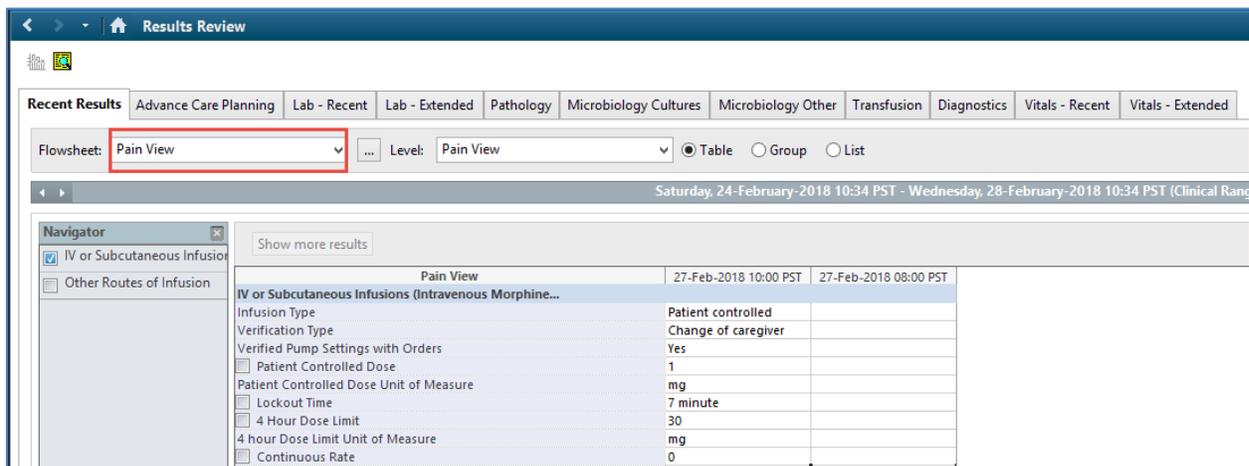
3. Deliver clinician bolus from pump.
4. Click **Interactive View and I&O** from the Menu.
5. Click **Pain Modalities** section.
6. Document clinician bolus dose and unit of measures.

◇ Clinician Bolus Given:	Yes
◇ Clinician Bolus Dose Given:	◇
◇ Clinician Bolus Unit of Measure:	◇

Reviewing Pain Modalities Results

Provider or Nurse Steps:

1. Navigate to **Results Review**.
 - Ensure you are in the Recent Results tab
2. Select **Pain View** from flowsheet dropdown.



Changing Pump Settings

Nurse Steps:

1. Click **MAR** from the Menu.

2. Open the selected order and right click to select **Order Info**.

- Program pump settings accordingly



3. Click the **time** column for medication on MAR to open Charting Details window.



NOTE: Range Dose Warning alert may appear.

4. Enter secondary verification/witness information as per policy and guideline.
5. Click **Interactive View and I&O** from the Menu.
6. Click **Pain Modalities** section.
7. Document pump setting changes.

Changing New Bag/Syringe with Same Medication

Nurse Steps:

1. Click **Medication Administration Wizard**  Medication Administration .
 - Closed Loop Medication Administration is maintained during this process
2. Scan patient’s wrist band and new bag/syringe.



NOTE: Range Dose Warning alert may appear.

3. Click **Results** column in the Medication Administration window to complete required fields.
4. Enter infusion rate of “0” in the Begin Bag window.



NOTE: Infusion site will carry on from what was previously documented. Modify documentation if necessary. If there is a continuous rate, the rate will be documented within Interactive View and I&O.

Changing of Shift/End of Shift

Nurse Steps:

1. Click **Interactive View and I&O** from the Menu.
2. Click **Pain Modalities** section in the appropriate band.
3. Document pump cleared total, dose attempted and dose delivered information as applicable.

Pump Cleared Total	
Pump Cleared Total Unit of Measure	
Number of Doses Attempted	
Number of Doses Delivered	
Number of Doses Denied	

4. Click the **Intake and Output** band.
5. Click the **Continuous Infusions** sections.
6. Document infused volume in appropriate row.



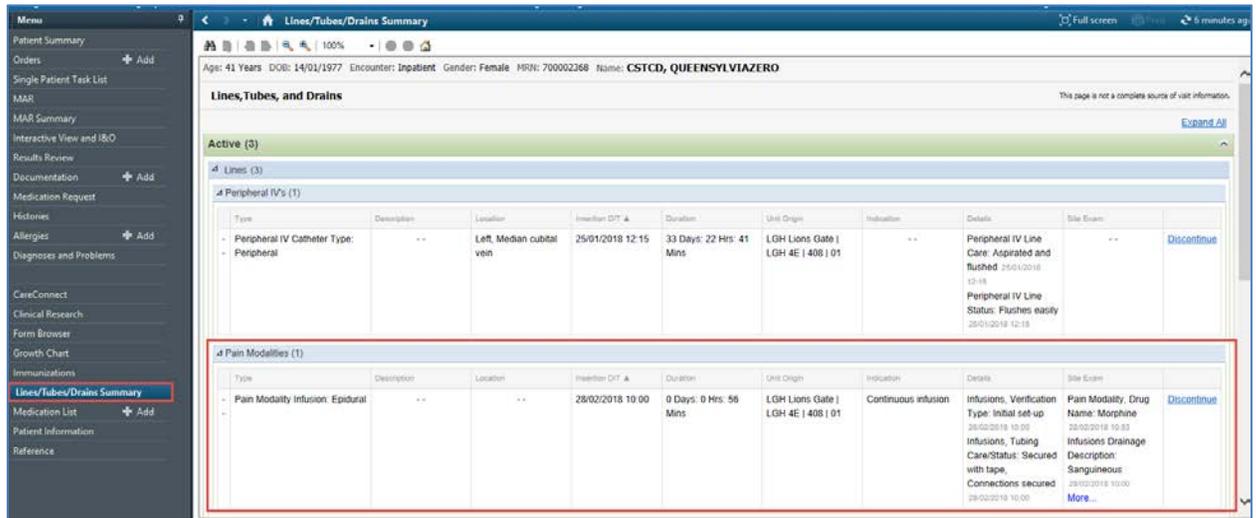
NOTE: Medication will be pre-populated in the Continuous Infusions sections.

Intake Total	
Continuous Infusions	
 morphine PCA 60 mg/30 mL (2 mg/mL) 60 mg	mL

7. Review pump setting with receiving nurse as part of handoff process.



NOTE: Pain Modalities information can also be viewed in the Lines/Tubes/Drains Summary mPage from the Menu.



8. Click the **Shift Report/Handoff** section in Interactive View and I&O.
9. Document in Shift Report/Handoff section as appropriate.

Discontinuing Pain Modalities

Provider Steps:

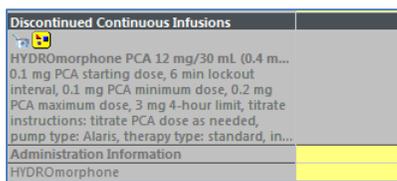
1. Click **Orders** from the Menu.
2. Select PowerPlan and right click to select **Discontinue**.

Nurse Steps:

1. Click **Orders** from the Menu.
2. Review orders.



NOTE: Medications will be greyed out in the MAR.

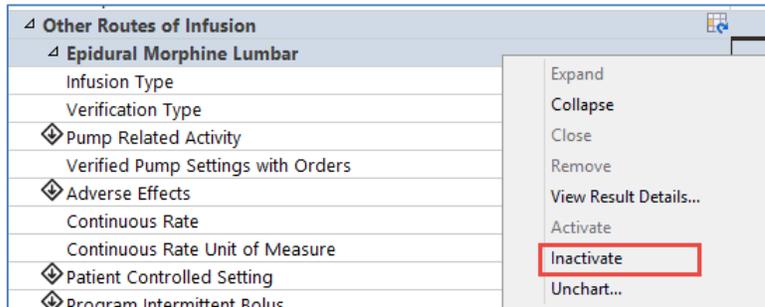


3. Click **Interactive View and I&O** from the Menu.

4. Click **Pain Modalities** section.
5. Complete final documentation.
6. Right click the Dynamic Group and select **Inactivate**.



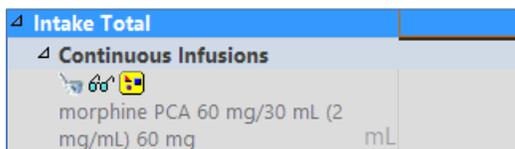
NOTE: Dynamic Group will be greyed out once inactivated.



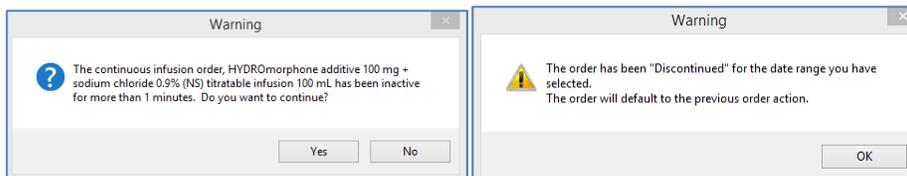
7. Click the **Intake and Output** band.
8. Click the **Continuous Infusions** sections.



NOTE: Medication row will be greyed out for current time column as the order has been discontinued.



9. Document infused volume by double clicking in cell and bypassing any alerts.



Related Positions

- Provider, Nurse

Key Words

- PCA, PCEA, patient controlled analgesia