

MEDITECH Expanse TIP SHEET

Patient Care - MAR



Controlled Substance Documentation in MAR with Co-Signature UPDATE

CHANGES TO BOLUS DOCUMENTATION

Controlled Substance MAR

Controlled Substance

*Infusion/application status	<input type="radio"/> Bolus <input type="radio"/> Discontinue <input type="radio"/> Handoff/chain of custody	<input type="radio"/> Monitor <input type="radio"/> Start
Prime amount		
Medication bolus dose		
Unit of measure	<input type="radio"/> mcg <input type="radio"/> mmol <input type="radio"/> mg/kg <input type="radio"/> mg <input type="radio"/> units <input type="radio"/> units/kg <input type="radio"/> ml <input type="radio"/> mcg/kg <input type="radio"/> other	
Other unit of measure		
Amount infused		
Amount handoff		

If documenting patch, indicate the number of patches on patient.

It has been noted that there is currently no way for the nurse to document the unit of measure being used to document a medication bolus amount. Therefore, new fields have been added to the Controlled Substance MAR assessment to account for this. A new rule has also been added that will make the "Medication bolus dose" and "Unit of measure" required if "Bolus" is chosen as the "Infusion/application status".

Controlled Substance MAR

Controlled Substance

*Infusion/application status	<input type="radio"/> Bolus <input type="radio"/> Discontinue <input type="radio"/> Handoff/chain of custody	<input type="radio"/> Monitor <input type="radio"/> Start
Prime amount		
Medication bolus dose		
Unit of measure	<input type="radio"/> mcg <input type="radio"/> mmol <input type="radio"/> mg/kg <input type="radio"/> mg <input type="radio"/> units <input type="radio"/> units/kg <input type="radio"/> ml <input type="radio"/> mcg/kg <input type="radio"/> other	
Other unit of measure		
Amount infused		
Amount handoff		

If documenting patch, indicate the number of patches on patient.

Co-sign will be triggered at Start and Handoff per Controlled Substance policy for ALL Narcotics PLUS the following:

- Propofol
- Ketamine
- Ativan
- Versed

A list of the corporate approved Controlled Substance medications has been included in this tip sheet for awareness as needed.

MEDITECH Expanse TIP SHEET

Patient Care - MAR



Controlled Substance PCA Documentation in MAR UPDATE

ADDITION OF DOSING AND INTAKE FIELDS

Medication Administration

Medication	Start	Stop	Status	PCA
morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH Current Dose: 0 mg/hr, 0 mL/hr Bag Volume: 50 mL Duration: 0 sec Generic: morphine in NaCl 0.9%	03/11/26 09:30		Active	PCA Bolus Dose: 2 MG Lockout: 10 MIN PCA Max Dose: 12 MG Time Limit: 1 HR

Source: morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH

Assessments:

- Controlled Substance MAR
 - Controlled Substance
 - Infusion/application status: Bolus Discontinue Handoff/chain of custody Monitor Start
 - Prise amount
 - Medication bolus
 - Amount infused
 - Amount handoff
 - *Pain Assessment MAR
 - Controlled Substance MAR-PCA
 - Number of PCA/PCA attempts
 - Hour strength: Absent Moves against gravity Moves against resistance Moves not against gravity No contraction/no movement Strong Weak Other
 - Other motor strength
 - Controlled substance side effects: None Muscle weakness Nausea Pruritis Sensory loss Urinary retention Vomiting Other
 - Other controlled substance side effects
 - Controlled substance comment
- IV Infusion and Titration
 - Dosing
 - Dose rate (mg/hr): 0
 - Infusion rate (mL/hr): 0
 - Cumulative dose (mg): 250
 - Increase/Decrease: Started/PCA
 - Time
 - Elapsed time (minutes): 44h 52m
 - Intake
 - IV Intake
 - Cumulative intake (mg): 50
 - Cumulative intake (mL): 50
 - Container volume
 - Waste amount

Previously, staff did not have the ability to document the current basal rate for their PCA medication. This correction will give staff the ability to do so. It will also allow them to document intake information and pause or end the infusion the same way that they would for all other infusions or titratable drips.

Intake information will need to be added manually if a basal rate of "0" is entered. The system cannot calculate intake information for these types of running infusions.

PLEASE NOTE:

Having a basal dose rate of "0" for a PCA is common practice. Therefore, entering "0" in the "infusion rate (mL/hr)" field will not automatically pause a PCA infusion. Instead, staff will need to click on the carrot dropdown and choose "Pause".

To resume the infusion, enter the appropriate numerical basal rate using the regular keypad and the medication status will update to resume.

Also, it is important to note that entering "0" into the dose rate will only be available for PCA medication documentation.

Medication Administration

Medication	Start	Stop	Status	PCA
morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH Current Dose: 0 mg/hr, 0 mL/hr Bag Volume: 50 mL Duration: 0 sec Generic: morphine in NaCl 0.9%	03/11/26 09:30		Active	PCA Bolus Dose: 2 MG Lockout: 10 MIN PCA Max Dose: 12 MG Time Limit: 1 HR

Source: morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH

Assessments:

- Controlled Substance MAR
 - Controlled Substance
 - Infusion/application status: Bolus Discontinue Handoff/chain of custody Monitor Start
 - Prise amount
 - Medication bolus
 - Amount infused
 - Amount handoff
 - *Pain Assessment MAR
 - Controlled Substance MAR-PCA
 - Number of PCA/PCA attempts
 - Hour strength: Absent Moves against gravity Moves against resistance Moves not against gravity No contraction/no movement Strong Weak Other
 - Other motor strength
 - Controlled substance side effects: None Muscle weakness Nausea Pruritis Sensory loss Urinary retention Vomiting Other
 - Other controlled substance side effects
 - Controlled substance comment
- IV Infusion and Titration
 - Dosing
 - Dose rate (mg/hr): 0
 - Infusion rate (mL/hr): 0
 - Cumulative dose (mg): 250
 - Increase/Decrease: Started/PCA
 - Time
 - Elapsed time (minutes): 44h 52m
 - Intake
 - IV Intake
 - Cumulative intake (mg): 50
 - Cumulative intake (mL): 50
 - Container volume
 - Waste amount

Click the dropdown carrot and choose "Pause" to temporarily stop a PCA infusion.

Medication Administration

Medication	Start	Stop	Status	PCA
morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH Current Dose: 0 mg/hr, 0 mL/hr Bag Volume: 50 mL Duration: 0 sec Generic: morphine in NaCl 0.9%	03/11/26 09:30		Active	PCA Bolus Dose: 2 MG Lockout: 10 MIN PCA Max Dose: 12 MG Time Limit: 1 HR

Source: morphine in NaCl 0.9% 250 mg in 50 ml @ 0 mg/hr IV AS DIRECTED SCH

Assessments:

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- IV Infusion and Titration
 - Dosing
 - Dose rate (mg/hr): 0
 - Infusion rate (mL/hr): 0
 - Cumulative dose (mg): 250
 - Increase/Decrease: Started/PCA
 - Time
 - Elapsed time (minutes): 44h 52m
 - Intake
 - IV Intake
 - Cumulative intake (mg): 50
 - Cumulative intake (mL): 50
 - Container volume
 - Waste amount

Type in the actual numerical basal rate in the Infusion Rate field to resume the PCA medication.

MEDITECH Expanse TIP SHEET

Patient Care – MAR PEDIATRICS



New Bolus Documentation added to specific Pediatric MAR Medications

Controlled Substance MAR

Controlled Substance

*Infusion/application status	<input type="radio"/> Bolus <input type="radio"/> Monitor <input type="radio"/> Discontinue <input type="radio"/> Start <input type="radio"/> Handoff/chain of custody
Prime amount	
Medication bolus dose	
Unit of measure	<input type="radio"/> mcg <input type="radio"/> mmol <input type="radio"/> mg/kg <input type="radio"/> mg <input type="radio"/> units <input type="radio"/> units/kg <input type="radio"/> ml <input type="radio"/> mcg/kg <input type="radio"/> other
Other unit of measure	
Amount infused	
Amount handoff	

If documenting patch, indicate the number of patches on patient.

Bolus Infusion MAR-Pediatrics

Bolus Infusion MAR Pediatrics

*Infusion/application status	<input type="radio"/> Bolus <input type="radio"/> Discontinue <input type="radio"/> Monitor <input type="radio"/> Start
Medication bolus dose	
Unit of measure	<input type="radio"/> mcg <input type="radio"/> mmol <input type="radio"/> mg/kg <input type="radio"/> mg <input type="radio"/> units <input type="radio"/> units/kg <input type="radio"/> ml <input type="radio"/> mcg/kg <input type="radio"/> other
Other unit of measure	

In alignment with the Women's and Children's business line, a new assessment will be added to approved pediatric medications for staff to document boluses given.

If the medication is a controlled substance, this information will be documented through the controlled substance assessment. If the medication is not controlled, a similar assessment will be shown. However, this assessment will not contain the controlled substance specific questions. The list of medications are as follows:

- Dexmedetomidine
- Fentanyl
- Heparin
- Hydromorphone
- Ketamine
- Midazolam
- Morphine

PLEASE NOTE: When documenting the "Infusion/application status" field, if "Bolus" is selected, "Medication bolus dose" and "Unit of measure" will become required fields.

Medications Required

Facility High-Alert Medication Policy with Mandatory IDC at Administration



Adult and Pediatric IDC Meds				
Medication Class	Medication Name	Start/Bag	Titrate	Bolus
Hypoglycemic Agents	Humulin R U-500	X		
	IV insulin	X		X
Opioid Infusions	IV opioid infusions	X		
	PCA opioid infusions			
Intrathecal Medications	e.g., methotrexate	X	X	X
Antithrombotic	IV Heparin	X		X
Neuromuscular Blocking Agents	Atracurium	X	X	X
	Cisatracurium			
	Rocuronium			
	Succinylcholine			
	Vecuronium			
Chemotherapy	e.g., CARBOplatin, CISplatin	X	X	X
Thrombolytic Medications	Tenecteplase	X		X
	Alteplase exc. line patency			
Oxytocin	Oxytocin	X		
Hypertonic Solutions	>0.9% NaCl	X		X
Concentrated Electrolytes	Concentrated magnesium sulfate (20g/500mL)	X		X

*Some administration actions do not apply to all medications

Adult and Pediatric IDC Meds				
Medication Class	Medication Name	Start/Bag	Titrate	Bolus
IV Push Sedative Agents	Ketamine	X		
	PHENOBARBITAL			
Direct Thrombin Inhibitors	Argatroban	X		X
	Bivalirudin			
Parental Nutrition	TPN	X	X	

Additional Pediatric IDC Meds				
Medication Class	Medication Name	Start/Bag	Titrate	Bolus
Intravenous Sedative Agents	e.g., propofol, dexmedetomidine	X	X	X
Adrenergic Agonists	e.g., EPINEPHrine, norepinephrine	X	X	X
IV Opioids	PCA and Infusion	X	X	X

Pyxis witness cosign functionality should not be used for safety independent double check documentation in pediatrics or adults.

IDC at administration should ALWAYS require co-signature function in EHR attached to medication.

It is also important to note that any Boluses being administered regardless of the assessment used will also trigger a co-signature to be required per IDC policy. The affected medications are the same as listed above:

- Dexmedetomidine
- Fentanyl
- Heparin
- Hydromorphone
- Ketamine
- Midazolam
- Morphine

A copy of the full IDC policy with noted co-sign triggers is included in this tip sheet.

Furthermore, any medications on this list that are also considered controlled substances will continue to follow the normal process of requiring a co-signature at Start and with Chain of Custody/Handoff documentation. These bolus specific medications include:

- Fentanyl
- Hydromorphone
- Ketamine
- Midazolam
- Morphine

A copy of the corporate approved Controlled Substance med list has also been included in this tip sheet.

Controlled Substance MAR

Controlled Substance

*Infusion/application status

Prime amount

Medication bolus dose

Unit of measure

Other unit of measure

Amount infused

Amount handoff

If documenting patch, indicate the number of patches on patient.

Bolus
 Discontinue
 Handoff/chain of custody
 Monitor
 Start

Co-sign will be triggered at Start and Handoff per Controlled Substance policy for ALL Narcotics PLUS the following:

- Propofol
- Ketamine
- Ativan
- Versed

CHG0448151- Modifications to NxStage Blood Warmer Temp order

Changes go in effect 04/15/26



- Order name is now **“Blood Warmer Temp”**

The screenshot shows the 'Blood Warmer Temp' order form. The title bar reads 'Blood Warmer Temp Routine' and 'Ordered 03/09/26'. There are two options: 'Stat' (unchecked) and 'Routine' (checked). The 'Routine' option is marked as '* New' and has a date of '03/16/26'. Below these are dropdown menus for '* Provider' (Mt, Meditech), '* Source' (Written), and '* Blood warmer temp'. A text area for 'Blood warmer temp comments' is also present.

- 38 degrees Celsius had been added as a temperature option

This screenshot is similar to the one above but with the '* Blood warmer temp' dropdown menu open. The menu lists the following options: '35 degrees Celsius', '36 degrees Celsius', '37 degrees Celsius', '38 degrees Celsius' (highlighted with a red box), and 'Other'. The form title and other fields remain the same.

Blood Warmer Temp

Blood Warmer Temp Routine Ordered 03/09/26

Stat

Routine * New 03/16/26

* Provider Mt, Meditech

* Source Written

* Blood warmer temp Other

* Other blood warmer temp (degrees Celsius)

Blood warmer temp comments

- *Other blood warmer temp (degrees Celsius)* is now a number query that allows 2 digits. This query is required when "Other" is selected for *Blood warmer temp* query.