

MEDITECH Expanse

MAR-Loperamide Max Dose Warning



Cumulative Maximum Dose limits will be set on Loperamide administration to prevent exceeding the recommended dose in the previous 24-hour period.

Medication (Route)	Time	Thu Apr 2	TODAY Fri Apr 3
loperamide 2 mg PO Q2H PRN Trade: Imodium Rx#: 000000033 Give: 1 Tablet/Capsule/2 mg PRN Reason: diarrhea	PRN		
	14:55		2 mg 14:55
	15:42		2 mg 15:42
	15:43	16 mg Administered	2 mg 15:43
	15:49		2 mg 15:49
loperamide 4 mg PO ONCE ONE Trade: Imodium Rx#: 000000034 Give: 2 Tablet/Capsule/2 mg	15:00		4 mg 14:55
	Unsch		
	Last Admin		4 mg 15:42 JH

Medication Administration

Admin | Flowsheet | Prot/Taper | Monograph | Links

Medication	Start	Stop	Status
loperamide 2 mg PO Q2H PRN Trade: Imodium Give: 1 Tablet/Capsule/2 mg PRN Reason: diarrhea	04/03/26 14:54		Active

Error

Cumulative Maximum Dose Reached
Ingredient: LOPERAMIDE

This Admin	24 Hour Total	Maximum	Over Max By
2 mg	18 mg	17 mg	1 mg

Administration of this dose will result in a result in a total dose above the limit for this patient. Please notify provider

This dose cannot be administered.

Close

Adult patients should not receive more than 16 mg of Loperamide in a 24 hr period.

Attempting to document any additional doses in this 24 hr period will not be allowed.

This is a hard stop. Documentation will not be allowed.

Contact Provider for alternative treatment.

Age	Maximum Dose/24 hr
<2	Contraindicated
2-5	4 mg
6-12	6 mg
13-140	16 mg

Dose limits for Adults and Peds.

Adult Sepsis Bolus 30 mL/kg

Expanse Pharmacy

EHR

Update

OM

Adult Sepsis Bolus 30 mL/kg order will be available as a stand-alone order and will also be included in the Sepsis order sets.

- Actual Body Weight
- BMI
- Ideal Body Weight

These will all default if height and weight have been documented.

If BMI is greater than 30 kg/m², Ideal Body Weight will default as the Dosing Weight, otherwise Actual Body Weight will default.

The provider can change the Dosing Weight to Actual Body Weight by selecting No the question 'Use Ideal Body Weight to dose?'.

PHARMACY 1 Series 03/23/26 12:45 03/23/26 12:45

Hospitalist01.Provider

Verbal Order Read-Back

Actual Body Weight is used to dose unless Body Mass Index is > 30 kg/m², then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 55.4

Body Mass Index (kg/m²): 38.5

Ideal Body Weight (kg):

Dosing Weight (kg): 55.4

Fluid:

Calculated volume to infuse:

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 KG: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

Use lesser fluid for bolus: Yes No

No Fluid Bolus Indicated: Yes No

Message

ⓘ Patient's height is less than 60 inches, unable to calculate Ideal Body Weight.

OK

If the pt is less than 60 inches tall, Ideal Body Weight cannot be calculated, and the Dosing Weight will default to Actual Body Weight.

PHARMACY (1) 1 Series 03/23/26 12:45 02/19/26 08:45 - 02/19/26 08:45

Hospitalist01.Provider

Verbal Order Read-Back

Actual Body Weight is used to dose unless Body Mass Index is > 30 kg/m², then Ideal Body Weight will default for dosing.

Actual Body Weight (kg):

Body Mass Index (kg/m²):

Ideal Body Weight (kg):

Dosing Weight (kg):

Fluid:

Calculated volume to infuse:

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 KG: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

Use lesser fluid for bolus: Yes No

No Fluid Bolus Indicated: Yes No

Message

ⓘ Patient's height is missing, unable to calculate Ideal Body Weight.

OK

If weight and height are not documented, the provider can enter a weight and continue to order the bolus.

PHARMACY 1 Series 03/23/26 12:45 02/19/26 08:45 - 02/19/26 08:45

Hospitalist01.Provider

Verbal Order Read-Back

Actual Body Weight is used to dose unless Body Mass Index is > 30 kg/m², then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 135.0

Body Mass Index (kg/m²): 37.4

Ideal Body Weight (kg): 79.5

Use Ideal Body Weight to dose? Yes No

Dosing Weight (kg): 79.5

Fluid: Sodium Chloride 0.9% Lactated Ringers

Calculated volume to infuse:

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 KG: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

Use lesser fluid for bolus: Yes No

No Fluid Bolus Indicated: Yes No

Provider has chosen to not order crystalloid fluids because the patient is not volume or fluid responsive. The following invasive/noninvasive measurement was used to make such a determination.

Provider will need to choose which fluid to use.

PHARMACY 1 Series 03/23/26 12:45

* Provider: Hospitalist01,Provider

* Source: Verbal Order Read-Back

Actual Body Weight (kg): 135.0

Body Mass Index (kg/m2): 37.4

Ideal Body Weight (kg): 79.5

* Use Ideal Body Weight to dose? Yes No

* Dosing Weight (kg): 79.5

* Fluid: Sodium Chloride 0.9%

* Calculated volume to infuse: 2,500

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 KG: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

* Use lesser fluid for bolus: Yes No

* No Fluid Bolus Indicated: Yes No

Reflexed Orders From Adult Sepsis Bolus 30 mL/kg

Sepsis Bolus NS 2500 mL

sodium chloride 0.9% 1,000 mL Bag

sodium chloride 0.9% [Normal Saline 1,000 mL] IV BOLUS 999 mL/hr ONE 03/23/26 12:42 03/23/26 13:42

* Provider: Hospitalist01,Provider

* Source: Verbal Order Read-Back

sodium chloride 0.9% 500 mL Bag

sodium chloride 0.9% [Normal Saline 500 mL] IV BOLUS 999 mL/hr ONE 03/23/26 14:47 03/23/26 15:17

* Provider: Hospitalist01,Provider

* Source: Verbal Order Read-Back

Total Volume of Bolus will calculate and reflexes will populate. The Volume is in 500 mL increments up to a max of 5500 mL.

The reflexes are built with 500- and 1000-mL bags with an infusion rate of 999 mL/hr and are timed consecutively.

Label Comments have been added to indicate SEPSIS BOLUS Bag X of X.

Actual Body Weight is used to dose unless Body Mass Index is > 30 kg/m2.

then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 135.0

Body Mass Index (kg/m2): 37.4

Ideal Body Weight (kg): 79.5

* Use Ideal Body Weight to dose? Yes No

* Dosing Weight (kg): 79.5

* Fluid: Sodium Chloride 0.9%

* Calculated volume to infuse: 2,500

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 KG: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

* Use lesser fluid for bolus: Yes No

* Reason for lesser fluid:

* New target volume (mLs):

* No Fluid Bolus Indicated: Yes No

Fluid overload concern

- Heart Failure
- Liver Failure
- Renal Failure
- Other

* Use lesser fluid for bolus: Yes No

* Reason for lesser fluid:

* Other reason for lesser fluid:

* New target volume (mLs):

Provider has the option to order a lesser fluid volume than calculated. Answering yes to the question, 'Use lesser fluid for bolus' will require Reason for lesser fluid and New target volume.

'Other' is an option, which will allow a free text reason to be entered.

* Use lesser fluid for bolus: Yes No

* Reason for lesser fluid:

* Other reason for lesser fluid:

* New target volume (mLs):

* No Fluid Bolus Indicated: Yes No

Reflexed Orders From Adult Sepsis Bolus 30 mL/kg

Sepsis Bolus NS 1500 mL

sodium chloride 0.9% 1,000 mL Bag

sodium chloride 0.9% [Normal Saline 1,000 mL] IV BOLUS 999 mL/hr SCH 03/23/26 13:00

* Provider: Hospitalist01,Provider

* Source: Verbal Order Read-Back

sodium chloride 0.9% 500 mL Bag

sodium chloride 0.9% [Normal Saline 500 mL] IV BOLUS 999 mL/hr ONE 03/23/26 13:51

* Provider: Hospitalist01,Provider

* Source: Verbal Order Read-Back

Selection of new target volume will display updated reflex orders.

Q3 > Adult Sepsis Bolus 30 ml/kg

then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 135.0

Body Mass Index (kg/m²): 37.4

Ideal Body Weight (kg): 79.5

Use Ideal Body Weight to dose? Yes No

Dosing Weight (kg): 79.5

Fluid:

Calculated volume to infuse:

NOTE: Volume to infuse is rounded UP to the next 500 mL increment.

If dosing weight > 183 kg: This order does NOT provide full 30 mL/kg

Bolus. Consider additional/more rapid boluses.

Provider can specify a lesser volume for the bolus if indicated.

* Use lesser fluid for bolus: Yes No

* No Fluid Bolus Indicated: Yes No

Provider has chosen to not order crystalloid fluids because the patient is not volume or fluid responsive. The following invasive/noninvasive measurement was used to make such a determination.

* Measurement:

Provider has chosen to not order crystalloid fluids because:

Cardiac Index
 Cardiac Output
 Stroke Volume
 Stroke Volume Index

Following Invasive/Noninvasive Determination:

Provider can also document no fluid bolus indicated. Answering Yes to this question will remove requirements from all other queries. It will also display a measurement query that is the justification for not ordering a bolus.

Oxytocin Low/High/TOLAC or Microdose Protocols

EHR
Update

Oxytocin Low/High/TOLAC or Microdose Protocols Update

“Rx Indication:” field added:

Protocol: Oxytocin Low Dose + Indic

* Rx Indication: []

* Initial rate (milliunits/min): []

* Titration interval (minutes): []

* Titration rate (milliunits/min): []

Additional verbiage & question if “Labor Augmentation” or “Labor Induction” selected the provider will be presented with pre-oxytocin checklist:

Protocol: Oxytocin Low Dose + Indication (TEST)

* Rx Indication: Labor Augmentation

- All items listed are documented in the patient chart:
- If checklist cannot be completed and all items are not documented in chart, oxytocin or cervical ripening should not be initiated.
- 1. Indication for induction/augmentation/cervical ripening documented
- 2. Estimated fetal weight is less than 5000 grams in non-diabetic patient (4500 grams for diabetic)
- 3. Gestational age documented
- 4. Provider with C-section privileges is aware of the induction and readily available
- 5. Status of cervix is assessed and documented, including all elements of Bishop score
- 6. Presentation is assessed and documented as cephalic.

* All items listed are documented in the patient chart (Y/N): Yes No

If “No” selected, document reason:

The following protocols in OM

- Oxytocin Low Dose
- Oxytocin High Dose
- Oxytocin TOLAC or Microdose

have been renamed to

- Oxytocin Low Dose + Indic
- Oxytocin High Dose + Indic
- Oxytocin TOLAC or Microdose + Indic

They have been updated with the following changes:

- Addition of “Rx Indication:” field
- If provider selects “Labor Augmentation” or “Labor Induction” indication, additional verbiage will display and they must answer Yes or No to the following question::
- All items listed are documented in the patient chart (Y/N):

If the answer is “No”, the provider will need to

* All items listed are documented in the patient chart (Y/N):

Yes

No

* If no, why:

document a reason.

MEDITECH Expanse TIP SHEET

PED Tacrolimus Infusion Protocol



PED Tacrolimus Infusion Protocol

Protocol

PED Tacrolimus Infusion

* Enter milligrams tacrolimus per 24 hours (mg/24 hrs):

* On

* turn off the infusion at

* and resume infusion at

- Tacrolimus Recommended Drip Rates
- IV Dose <-----> Drip Rate
- 0.1 mg/24hrs <----> 0.2 mL/hr
- 0.2 mg/24hrs <----> 0.4 mL/hr
- 0.3 mg/24hrs <----> 0.6 mL/hr
- 0.4 mg/24hrs <----> 0.8 mL/hr
- 0.5 mg/24hrs <----> 1 mL/hr
- 0.6 mg/24hrs <----> 1.3 mL/hr
- 0.7 mg/24hrs <----> 1.5 mL/hr
- 0.8 mg/24hrs <----> 1.7 mL/hr
- 0.9 mg/24hrs <----> 1.9 mL/hr
- 1 mg/24hrs <-----> 2.1 mL/hr
- 1.1 mg/24hrs <----> 2.3 mL/hr
- Standard Concentration: Tacrolimus 5 mg/250 mL = 0.02 mg/mL
- Replace Tacrolimus bag every 24 hours at 1600
- Adjust Tacrolimus rate per physician order.
- Document time of rate change and new rate.

- Tacrolimus Recommended Drip Rates
- IV Dose <-----> Drip Rate
- 1.2 mg/24hrs <----> 2.5 mL/hr
- 1.3 mg/24hrs <----> 2.7 mL/hr
- 1.4 mg/24hrs <----> 2.9 mL/hr
- 1.5 mg/24hrs <----> 3.1 mL/hr
- 1.6 mg/24hrs <----> 3.3 mL/hr
- 1.7 mg/24hrs <----> 3.5 mL/hr
- 1.8 mg/24hrs <----> 3.8 mL/hr
- 1.9 mg/24hrs <----> 4 mL/hr
- 2 mg/24hrs <-----> 4.2 mL/hr
- > 2 mg/24hrs <----> Consult Pharmacist

The PED Tacrolimus infusion protocol has been created in Expanse to provide infusion information to providers and nurses.

Providers are required to complete the following fields before submitting order:

- Enter milligrams tacrolimus per 24 hours (mg/24 hrs):
- On: (date)
- turn off the infusion at: (time)
- and resume infusion at: (time)

PED Tacrolimus Infusion Protocol on eMAR

Protocol

PED Tacrolimus Infusion

Enter milligrams tacrolimus per 24 hours (mg/24 hrs):

On

turn off the infusion at

and resume infusion at

- Tacrolimus Recommended Drip Rates
- IV Dose <-----> Drip Rate
- 0.1 mg/24hrs <----> 0.2 mL/hr
- 0.2 mg/24hrs <----> 0.4 mL/hr
- 0.3 mg/24hrs <----> 0.6 mL/hr
- 0.4 mg/24hrs <----> 0.8 mL/hr
- 0.5 mg/24hrs <----> 1 mL/hr
- 0.6 mg/24hrs <----> 1.3 mL/hr
- 0.7 mg/24hrs <----> 1.5 mL/hr
- 0.8 mg/24hrs <----> 1.7 mL/hr
- 0.9 mg/24hrs <----> 1.9 mL/hr
- 1 mg/24hrs <-----> 2.1 mL/hr
- 1.1 mg/24hrs <----> 2.3 mL/hr

- Tacrolimus Recommended Drip Rates
- IV Dose <-----> Drip Rate
- 1.2 mg/24hrs <----> 2.5 mL/hr
- 1.3 mg/24hrs <----> 2.7 mL/hr
- 1.4 mg/24hrs <----> 2.9 mL/hr
- 1.5 mg/24hrs <----> 3.1 mL/hr
- 1.6 mg/24hrs <----> 3.3 mL/hr
- 1.7 mg/24hrs <----> 3.5 mL/hr
- 1.8 mg/24hrs <----> 3.8 mL/hr
- 1.9 mg/24hrs <----> 4 mL/hr
- 2 mg/24hrs <-----> 4.2 mL/hr
- > 2 mg/24hrs <----> Consult Pharmacist

- Standard Concentration: Tacrolimus 5 mg/250 mL = 0.02 mg/mL
- Replace Tacrolimus bag every 24 hours at 1600
- Adjust Tacrolimus rate per physician order.
- Document time of rate change and new rate.



Daptomycin Dilution Rule

Expanse Pharmacy

EHR

Update

PHA Dilution Rule- Daptomycin

The screenshot shows a pharmacy software interface with an error dialog box. The background interface includes fields for 'Disp By', 'Order By', 'SIG', 'VOL', 'Fixed Total Volume', and 'Calculated Total Volume'. Below these are sections for 'IV Fluid' and 'Additive'. The 'Additive' section shows 'DAPT500V24' (DAPTOMYCIN 500 mg Vial) with an 'Ordered Dose' of 450 MG. The error dialog box contains the following text: 'Error' with a red 'X' icon, 'For the dose of 450 mg, update the volume of IV Fluid to 9 mL. Concentration is 50 mg/mL.', and a 'Close' button.

A rule has been created for the MMA preparation/dilution for daptomycin.

The rule will be triggered by a keyword in the label comments. “Daptomycin mg/kg”

For doses of 1000 mg or less, the dose is to be administered IV push over 2 minutes.

Pharmacists will be alerted to update the IV Fluid Volume to make a final concentration of 50 mg/mL.

The screenshot shows a pharmacy software interface with a message dialog box. The background interface includes tabs for 'Medications', 'Rx Information', 'Protocol', 'Chemo', 'Comments', 'Instructions', 'Queries', 'Screenings', and 'Provider'. It also shows 'Rx Number', 'Order Type', 'Dispensed by', 'Disp By', 'Order By', 'SIG', 'VOL', 'Fixed Total Volume', and 'Calculated Total Volume'. The 'IV Fluid' section shows 'NS2B2PHA' (sodium chloride 0.9% 50 mL Bag) with an 'Ordered Dose' of 50 ML. The 'Additive' section shows 'DAPT500V24' (DAPTOMYCIN 500 mg Vial) with an 'Ordered Dose' of 1,600 MG. The message dialog box contains the following text: 'Message' with an information icon, 'For the dose of 1600mg, remove 32 mL prior to adding reconstituted daptomycin. Total bag volume is 50 mL.', and a 'Close' button.

For doses greater than 1000 mg, the dose should be in a total volume of 50 mL to be infused over 30 minutes.

Methadone Indications

Expanse Pharmacy/OM

EHR

Update

Adult and PED Methadone Protocols

The screenshot shows the EHR interface for an Adult Methadone Indication protocol. The protocol name is "Adult Methadone Indications". The "Rx Indication" dropdown menu is open, showing the following options: Chronic Pain, Opioid Use Disorder, Iatrogenic Withdrawal, and Surgical Analgesia. Other fields include Provider (TestingSvc01, Provider), Source (Verbal Order Read-Back), Pending (Yes/No buttons), Label Comments, Dose Instruction, Special Instructions, Taper, and Problem.

Methadone Indication Protocols will be defaulted onto orders for Methadone in both Adult and PED.

Indication is required; no free text option.

The screenshot shows the EHR interface for a PED Methadone Indication protocol. The protocol name is "PED Methadone Indications". The "Rx Indication" dropdown menu is open, showing the following options: Chronic Pain, Opioid Use Disorder, Neonatal Abstinence Syn., Iatrogenic Withdrawal, and Surgical Analgesia. Other fields include Taper, Problem, and Diagnosis Code.

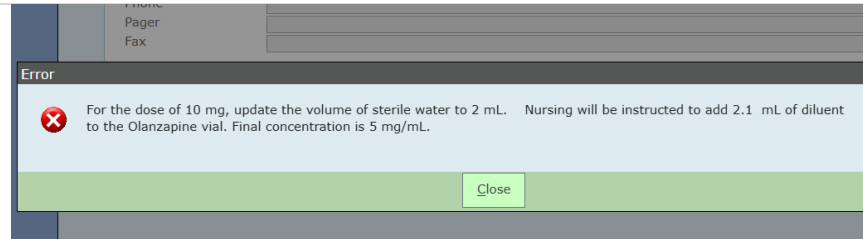
PED Protocol has an additional indication option for Neonatal Abstinence.

MEDITECH Expanse TIP SHEET

Pharmacy

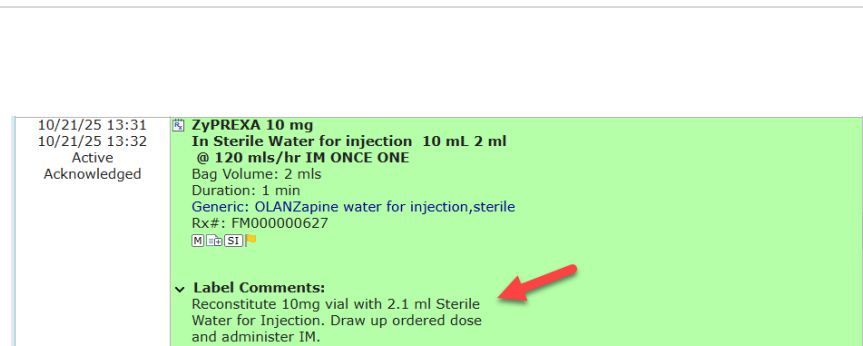


Olanzapine Volume to Dose PHA rule



Pharmacy Verification

When Olanzapine is ordered as an additive and diluent, there can be a potential mismatch in the dose and volume. This rule will alert the pharmacist if there is a mismatch.



Nursing MAR

Nursing will have instructions in the label comments on how to mix the Olanzapine vial prior to withdrawing the dose.

**Still waiting for final approval of label comments, pharmacists may need to manually add label comments until they are defaulted.

Oxytocin Initial Rate and Protocol Initial Rate Mismatch OM Rule

Expand Order Management

EHR

Update

Oxytocin Rate Mismatch OM Rule

The screenshot shows an order for oxytocin with a starting rate of 2 millunits/min. The protocol specifies an initial rate of 2 millunits/min. A red box highlights the starting rate field, and another red box highlights the initial rate field in the protocol. A red dashed arrow points from the starting rate field to the initial rate field, indicating the comparison made by the OM rule. The interface also shows other fields like Total Volume (500 ml), Infusion Site, Route (IV), and Frequency (TITRATE).

The Starting rate in the order should always match the initial rate in the protocol.

Providers cannot edit the protocol; however, they can edit the starting rate.

The screenshot shows a 'Conflicts' dialog box with a table of conflicts. The table has columns for 'SCREENING TYPE', 'DESCRIPTION', 'Override', and 'SEVERITY'. The 'Order Rule' section is expanded, showing a 'Rule Message' with the text: 'Starting rate must match initial rate defined in the protocol. Update starting rate to match protocol.' The 'SEVERITY' column for this rule is highlighted in yellow, and a red arrow points to the 'Erase' button next to it.

The OM rule will compare the two rates and display a hard stop message if the two rates do not match. The starting rate on the order must be updated to match the protocol.

Pharmacy Shortage Rule

Expanse Pharmacy

EHR

Update

PHA Shortage Rule

MORP2SYR19 Last Edit: 03/31/26 07:15

morphine 2 mg/mL Injectable

Dispersing Ordering Rules Ingredients Screenings Site Inventory
Purchasing PCS Customer-Defined Screen OM Strings / OM Site Locations

PHASite
PRNH.FS.DV FSED Portsmouth - Dover
PRNH.FS.SB FSED Portsmouth - Seabrook
PRNH.MAIN Main Portsmouth

Defaults Charge / Order Types Workload Comments Instructions Miscellaneous Lab Renew Interfaces

Preparatory
SHORTAGE
<MORP4SYR7 (do not sub PEDs orders)>

Dose

Pharmacy Shortages will now be able to be handled locally by adding a comment to Instructions Tab in the Drug Dictionary at Division Stds.

- Adding SHORTAGE to any line of the prep instructions will trigger a rule to fire to verifying pharmacist.
- Adding SHORTAGE to an ED PHA site where the drug would normally auto-verify, will cause the order to NOT auto-verify.
- The rule will return any text that is contained in < >. This can be on any line in the prep instructions but will be limited to one line of text only.

Medication Taper Protocol Chemo Comments Instructions Queries Screenings Provider

Rx Number U000002563 morphine 2 mg/mL Injectable
* Medication MORP2SYR19
* Order Type M Medication
Clinical Ind Dosing Wt 59 KG CURRENT

NOTE: Dose Range Checking is not supported for Zero/Ranged dose orders.

* Dose 2 MG 1 ML PER DOSE
Range Dose Low High
* Route IV Intravenous

Confirmation
? This drug is in short supply. Update order to MORP4SYR7 (do not sub PEDs orders). Continue to file?
Yes No

* Inventory MAIN.PRNH
* Dispense 53 Injectables
Cart Amount
* Charge Type NOCALC
* Charge Pending 0.00

Label Comments

Example of message displayed to verifying pharmacist.

ACET442 - Tylenol Extra Strength Last Edit: 04/01/26 16:43

acetaminophen 500 mg Tablet

Dispensing	Ordering	Rules	Ingredients	Screenings	Site	Inventory
Purchasing	PCS	Customer-Defined Screen	OM	Strings / OM Site	Locations	

PHA Site

PRNH.FS.DV	FSED Portsmouth - Dover
PRNH.FS.SB	FSED Portsmouth - Seabrook
PRNH.MAIN	Main Portsmouth

Defaults	Charge / Order Types	Workload	Comments	Instructions	Miscellaneous	Lab	Renew	Interfaces
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Preparatory

TESTING
 Extra verbiage
<this will be returned to the rule message>
 SHORTAGE

Dose

Example of SHORTAGE and < > on other lines.

Stop 04/07/26 1039

Confirmation

This drug is in short supply. Update order to this will be returned to the rule message. Continue to file?

Tbo-filgrastim 10 mcg/kg daily

Expanse Pharmacy/OM

EHR

Update

Tbo-filgrastim

▼ Tbo-filgrastim 10 mcg/kg subcutaneous daily
 PHARMACY

OM order created for ordering tbo-filgrastim 10 mcg/kg daily.

> Tbo-filgrastim 10 mcg/kg subcutaneous daily
✓ PHARMACY 1
* Provider: TestingSvc01,Provider
* Source: Verbal Order Read-Back
* Patient actual weight (kg): 95
Reflex: 960
▼
> Reflexed Orders from Tbo-filgrastim 10 mcg/kg subcutaneous daily (Kristie Testing)
▼ Tbo-filgrastim 960 mcg
▼ tbo-filgrastim [Granix]
✓ tbo-filgrastim [Granix] 480 mcg SUBQ DAILY SCH syringe
* Provider: TestingSvc01,Provider
* Source: Verbal Order Read-Back
▼
✓ tbo-filgrastim [Granix] 480 mcg SUBQ DAILY SCH syringe
* Provider: TestingSvc01,Provider
* Source: Verbal Order Read-Back

The provider will select the order. The actual body weight will default.

If the actual body weight is incorrect or is missing, the provider can add the weight.

The appropriate number of injections to make up the dose will reflex.

Edit Instructions
tbo-filgrastim [Granix] 480 mcg SUBQ DAILY syringe
Start: 03/04/26 09:00 Stop:
Label Comments: Injection 1 of 2

Reminders will be added to the label comments to help identify that multiple vials are required to make up the total dose.

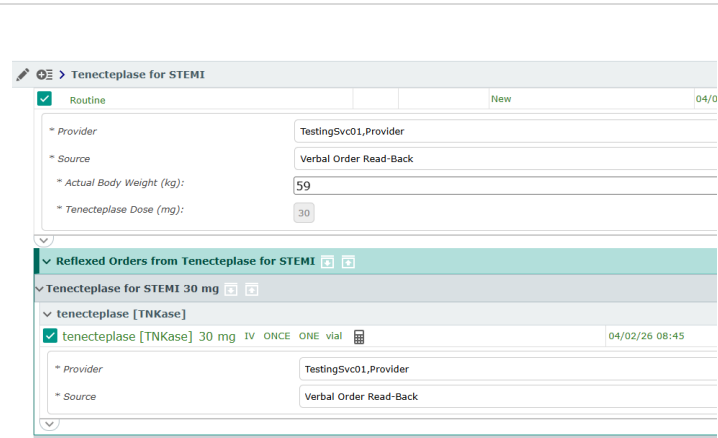
Tenecteplase for STEMI OM order with Reflexes

EHR

Update

Expanse Pharmacy

Tenecteplase for STEMI



Tenecteplase for STEMI

Routine New 04/0

* Provider TestingSvc01, Provider

* Source Verbal Order Read-Back

* Actual Body Weight (kg): 59

* Tenecteplase Dose (mg): 30

Reflexed Orders from Tenecteplase for STEMI

Tenecteplase for STEMI 30 mg

tenecteplase [TNKase]

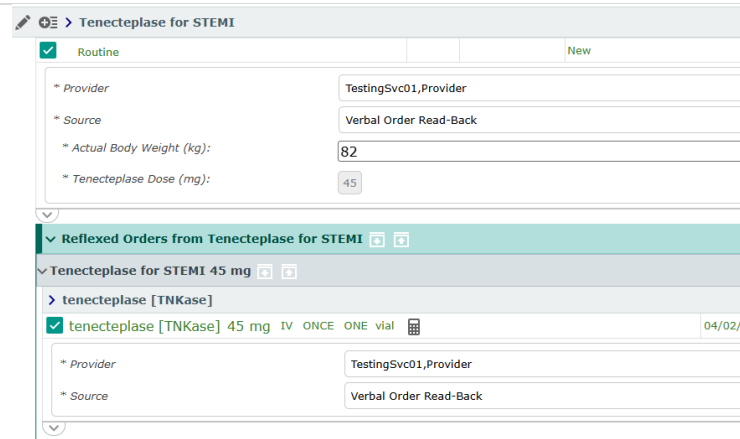
tenecteplase [TNKase] 30 mg IV ONCE ONE vial 04/02/26 08:45

* Provider TestingSvc01, Provider

* Source Verbal Order Read-Back

Tenecteplase for STEMI OM Order will be limited to be used in Sets

- When provider clicks order, the screen will open
- Actual Body Weight will default
- Reflex will occur based on Actual Body Weight
- Provider can edit Weight if it is missing or incorrect



Tenecteplase for STEMI

Routine New

* Provider TestingSvc01, Provider

* Source Verbal Order Read-Back

* Actual Body Weight (kg): 82

* Tenecteplase Dose (mg): 45

Reflexed Orders from Tenecteplase for STEMI

Tenecteplase for STEMI 45 mg

tenecteplase [TNKase]

tenecteplase [TNKase] 45 mg IV ONCE ONE vial 04/02/

* Provider TestingSvc01, Provider

* Source Verbal Order Read-Back

Tocilizumab-aazg (Tyenne) PED Dilution Rule

Expanse Pharmacy

EHR

Update

PHA Dilution Rule-Tocilizumab-aazg

Medications | Rx Information | Protocol | Chemo | Comments | Instructions | Queries | Screenings | Provider

Rx Number: U000002540 * Order Type: PEDISIGCV | PED Dispensed by SIG Comp Ver

Disp By: SIG | Order By: VOL | Fixed Total Volume: 63.8
Calculate By: DUR | Calculated Total Volume: 63.8

IV Fluid	Ordered Dose	Volume
1 NS2B2PHA sodium chloride 0.9% 50 mL Bag		50 ML
2		
3		

Additive	Ordered Dose	Actual
1 TOCI200V3 tocilizumab-aazg 200 mg/10 mL		276 MG
2		
3		
4		
5		

Error: Update fix total volume to 50 mL for pts less than 30 kg.

Close

Tocilizumab-aazg should be in a fixed total volume for patients that are 17 years or less.

Pharmacists will be alerted to update the total volume based on the patient's weight.

For a patient weighing less than 30 kg, the fixed total volume should be 50 mL.

Medications | Rx Information | Protocol | Chemo | Comments | Instructions | Queries | Screenings | Provider

Rx Number: U000002539 * Order Type: PEDISIGCV | PED Dispensed by SIG Comp Ver

Disp By: SIG | Order By: VOL | Fixed Total Volume: 122
Calculate By: DUR | Calculated Total Volume: 122

IV Fluid	Ordered Dose	Volume
1 NS3B4PHA sodium chloride 0.9% 100 mL Ba		100 ML
2		
3		

Additive	Ordered Dose	Actual
1 TOCI200V3 tocilizumab-aazg 200 mg/10 mL		440 MG
2		
3		
4		
5		

Error: Update fix total volume to 100 mL for pts greater than or equal to 30 kg.

Close

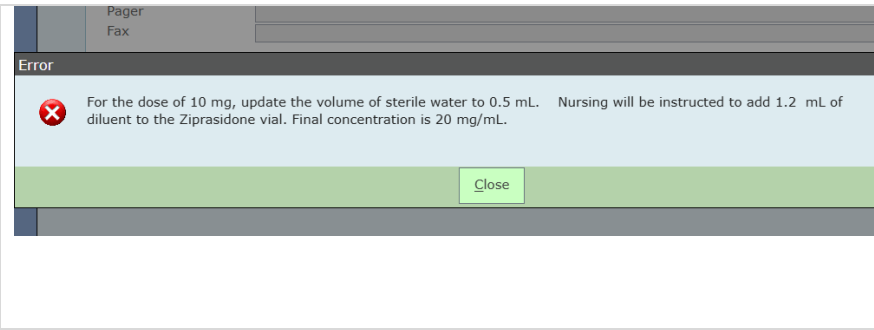
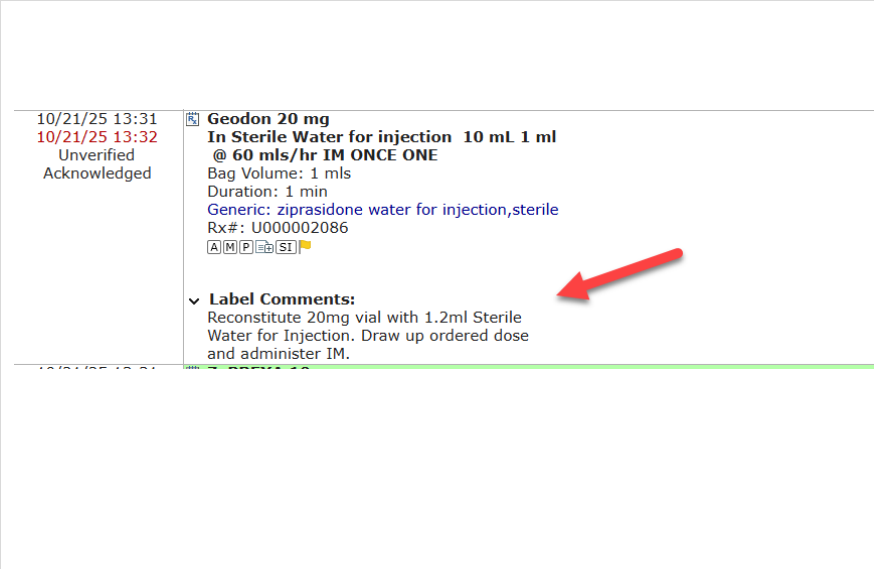
Patient weight that is greater than or equal to 30 kg, the fixed total volume should be 100 mL.

MEDITECH Expanse TIP SHEET

Pharmacy



Ziprasidone Volume to Dose PHA rule

	<p><u>Pharmacy Verification</u></p> <p>When Ziprasidone is ordered as an additive and diluent, there can be a potential mismatch in the dose and volume. This rule will alert the pharmacist if there is a mismatch.</p>
	<p><u>Nursing MAR</u></p> <p>Label comments will instruct nursing on how to mix the Ziprasidone vial prior to withdrawing the dose.</p> <p>**Still waiting on final approval of label comments, pharmacists may need to manually add label comments until they are defaulted.</p>

TPN/PPN 2 in 1 (Continuous & Cyclic) Protocols

Expanse Pharmacy

EHR

Update

TPN/PPN 2 in 1 (Continuous & Cyclic) Protocols

Protocol	TPN/PPN 2 in 1 (Continuous)
	Each order = Each bag
* Central or Peripheral?:	
* Volume to Infuse (mL - 24 hours):	
* *Continuous* Rate (mL/hr):	
* Dextrose (gm/order):	0
* Amino Acids (gm/order):	0
* Sodium Chloride (mEq/order):	0
* Sodium Acetate (mEq/order):	0
* Sodium Phosphate (mMol/order):	0
* Potassium Chloride (mEq/order):	0
* Potassium Acetate (mEq/order):	0
* Potassium Phosphate (mMol/order):	0
* Magnesium Sulfate (mEq/order):	0
* Calcium Gluconate (mEq/order):	0
* Multivitamins (mL/order):	10
* Trace Elements (mL/order):	1
* Regular Insulin (unit(s)/order):	0
* Folic Acid (mg/order):	0
* Thiamine (mg/order):	0
* Zinc Sulfate (mg/order):	0
* Selenium (mcg/order):	0
* Levocarnitine (mg/order):	0
Other:	

The following ingredients have been added to TPN/PPN 2 in 1 (Continuous) and TPN/PPN 2 in 1 (Cyclic) protocol in OM:

- Zinc Sulfate (mg/order)
- Selenium (mcg/order)
- Levocarnitine (mg/order)

TPN/PPN 3 in 1 (Continuous & Cyclic) Protocols

EHR

Update

Expanse Pharmacy

TPN/PPN 3 in 1 (Continuous & Cyclic) Protocols

Individual Lipids fields have been removed:

Protocol: TPN/PPN 3 in 1 (Continuous)

Each order = Each bag

- * Central or Peripheral?:
- * Volume to Infuse (mL - 24 hours):
- * *Continuous* Rate (mL/hr):
- * Dextrose (gm/order):
- * Amino Acids (gm/order):
- ~~* Lipids (Intralipid) (gm/order):~~
- ~~* Lipids (SMOF) (gm/order):~~
- * Sodium Chloride (mEq/order):

The **TPN/PPN 3 in 1 (Continuous)** and **TPN/PPN 3 in 1 (Cyclic)** protocol in OM have been updated with the following changes:

Fields **Removed**:

- Lipids (Intralipid) (gm/order):
- Lipids (SMOF) (gm/order):

Fields **Added**:

- Lipid product:
Select from 1 of 4 choices:
 - Clinolipid
 - Intralipid
 - Nutrilipid
 - SMOF
- Lipid dosing (gm/order):

Lipid products (selectable) & Lipid dosing fields added:

Protocol: TPN/PPN 3 in 1 (Continuous)

Each order = Each bag

- * Central or Peripheral?:
- * Volume to Infuse (mL - 24 hours):
- * *Continuous* Rate (mL/hr):
- * Dextrose (gm/order):
- * Amino Acids (gm/order):
- * Lipid product:
Clinolipid
Intralipid
Nutralipid
SMOF
- * Lipid dosing (gm/order):
- * Sodium Chloride (mEq/order):