

# Expanse TIP SHEET

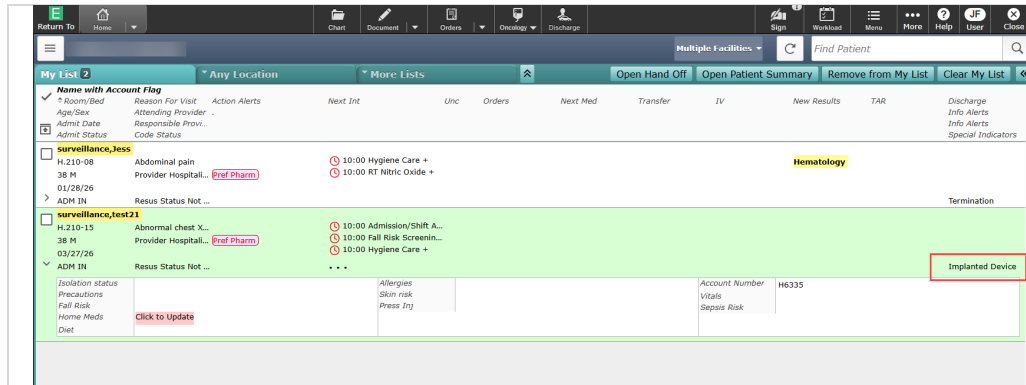
## Special Indicator Definition Updates

Changes go in effect **April 15, 2026**

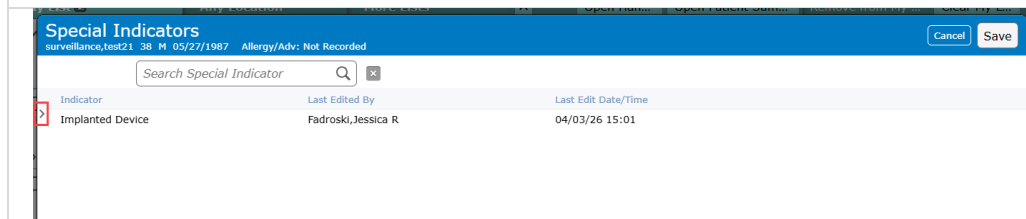


A select group of Special Indicators will have standardized definitions added to promote consistent understanding and use across workflows. These updates are intended to improve clarity, reduce ambiguity, and support more effective and accurate application by end users.

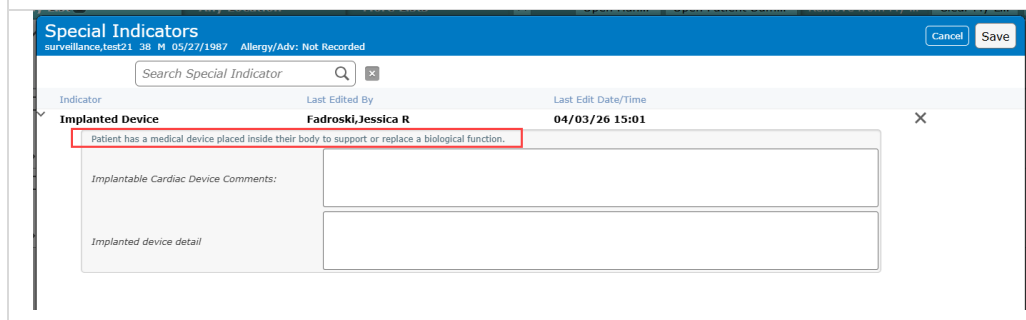
End users should reference the updated definitions when interacting with Special Indicators to ensure accurate application.



Special Indicators may be displayed on the status board when applicable to a patient. Click on the indicator to view additional details.



After selecting on a Special Indicator, the Special Indicator overlay will open, displaying all indicators for the patient. Click the expand caret on the far left, next to an indicator to view additional details.



Definitions display at the top of the expanded view. Some indicators may include additional fields or details.

# CHG0452089 – Modifications to Cryoprecipitate Product order



Changes go in effect 04/15/26

**Quantity field has a default of "1" and a limit of "2". This field will not allow an entry greater than 2.**

**Verbiage added to describe the standard adult dose: "The standard adult dose is equivalent to 100-200 mL, raising fibrinogen by 50-100 mg/dL. Dependent on availability cryoprecipitate may be issued as a single unit or pool units to equal an adult dose. Quantity and transfuse now of one per adult dose is needed. Quantity of 1 is commonly equivalent to 10 units"**

**Query name "Number of units to transfuse NOW" changed to "Quantity to transfuse NOW". Options available are 1 or 2.**

- Quantity field has a default of "1" and a limit of "2". This field will not allow an entry greater than 2.
- Verbiage added to describe the standard adult dose: ***"The standard adult dose is equivalent to 100-200 mL, raising fibrinogen by 50-100 mg/dL. Dependent on availability cryoprecipitate may be issued as a single unit or pool units to equal an adult dose. Quantity and transfuse now of one per adult dose is needed. Quantity of 1 is commonly equivalent to 10 units"***
- Query name "Number of units to transfuse NOW" changed to "Quantity to transfuse NOW". Options available are 1 or 2.

# 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
<b>loperamide 2 mg PO Q2H PRN</b> Trade: Imodium Rx#: 000000033 Give: 1 Tablet/Capsule/2 mg PRN Reason: diarrhea	PRN		2 mg 14:55
	14:55		2 mg 15:42
	15:42	16 mg Administered	2 mg 15:43
	15:43		2 mg 15:49
	15:49		4 mg 14:55
<b>loperamide 4 mg PO ONCE ONE</b> Trade: Imodium Rx#: 000000034 Give: 2 Tablet/Capsule/2 mg	15:00		4 mg 15:42 JH
	Unsch		
	Last Admin		

**Medication Administration**

Admin | Flowsheet | Prot/Taper | Monograph | Links

Medication	Start	Stop	Status
<b>loperamide 2 mg PO Q2H PRN</b> 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	<b>18 mg</b>	17 mg	<b>1 mg</b>

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

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/m<sup>2</sup>): 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

## 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/m<sup>2</sup>, Ideal Body Weight will default as the Dosing Weight, otherwise Actual Body Weight will default.

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/m<sup>2</sup>): 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.

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/m<sup>2</sup>, then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 55.4

Body Mass Index (kg/m<sup>2</sup>): 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

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.

**Message**

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

OK

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/m<sup>2</sup>, then Ideal Body Weight will default for dosing.

Actual Body Weight (kg):

Body Mass Index (kg/m<sup>2</sup>):

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

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

**Message**

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

OK

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

Actual Body Weight is used to dose unless Body Mass Index is > 30 kg/m<sup>2</sup>, then Ideal Body Weight will default for dosing.

Actual Body Weight (kg): 135.0

Body Mass Index (kg/m<sup>2</sup>): 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/m<sup>2</sup>): 57.4

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

\* Measurement:

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.

# 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 has a red 'X' icon and the text: 'Error For the dose of 450 mg, update the volume of IV Fluid to 9 mL. Concentration is 50 mg/mL.' A 'Close' button is visible at the bottom of the dialog.

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', and 'Dispensed by'. 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 has an information icon and the text: 'Message For the dose of 1600mg, remove 32 mL prior to adding reconstituted daptomycin. Total bag volume is 50 mL.' A 'Close' button is visible at the bottom of the dialog.

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

methadone PO

Provider: TestingSvc01,Provider

Source: Verbal Order Read-Back

Pending: Yes No

Label Comments:

Dose Instruction:

Special Instructions:

Protocol: **Adult** Methadone Indications

Rx Indication: Chronic Pain, Opioid Use Disorder, Iatrogenic Withdrawal, Surgical Analgesia

Taper:

Problem:

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

**Indication is required;** no free text option.

PED Methadone Indications

Rx Indication: Chronic Pain, Opioid Use Disorder, Neonatal Abstinence Syn., Iatrogenic Withdrawal, Surgical Analgesia

Taper:

Problem:

Diagnosis Code:

PED Protocol has an additional indication option for Neonatal Abstinence.

# 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 04/02/26

\* 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.

# 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)