

## IP TRASTUZUMAB (EVERY 7 DAYS)

*Types:* ONCOLOGY TREATMENT

*Synonyms:* TRAS, TRASTUZUMAB, HERCEPTIN, LAPATINIB, TYKERB, HURCEPTIN, HER, HUR, TYKE, LAP, BREAST

Cycle 1	Repeat 1 time	Cycle length: 21 days																								
<b>Day 1</b>		Perform every 1 day x1																								
<b>Provider Communication</b>																										
<p><b>ONC PROVIDER COMMUNICATION</b></p> <p>Interval: Until discontinued      Occurrences: --</p> <p>Comments:      Verify Ejection Fraction prior to Cycle 1.    Ejection Fraction: ***% on *** (date).</p> <p style="margin-left: 40px;">If patient has not had a recent MUGA or ECHO, order one via order entry. A baseline cardiac evaluation with a MUGA scan or an ECHO is recommended, especially in patients with risk factors for increased cardiac toxicity. Repeated MUGA or ECHO determinations of LVEF should be performed, particularly with higher, cumulative anthracycline doses.</p>																										
<b>Line Flush</b>																										
<p><b>sodium chloride 0.9 % flush 20 mL</b></p> <p>Dose: 20 mL      Route: intravenous      PRN</p> <p>Start: S</p>																										
<b>Nursing Orders</b>																										
<p><b>sodium chloride 0.9 % infusion 250 mL</b></p> <p>Dose: 250 mL      Route: intravenous      once @ 30 mL/hr for 1 dose</p> <p>Start: S</p> <p>Instructions: To keep vein open.</p>																										
<b>Pre-Medications</b>																										
<p><input checked="" type="checkbox"/> <b>diphenhydrAMINE (BENADRYL) injection 25 mg</b></p> <p>Dose: 25 mg      Route: intravenous      once for 1 dose</p> <p>Start: S</p> <p>Instructions: Administer via slow IV push 30 minutes prior to chemotherapy.</p>																										
<p><input type="checkbox"/> <b>diphenhydrAMINE (BENADRYL) 50 mg in sodium chloride 0.9 % 50 mL IVPB</b></p> <p>Dose: 50 mg      Route: intravenous      once over 15 Minutes for 1 dose</p> <p>Start: S</p> <p>Instructions: Administer 30 minutes prior to chemotherapy.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="text-align: left;">Ingredients:</th> <th style="text-align: left;">Name</th> <th style="text-align: left;">Type</th> <th style="text-align: left;">Dose</th> <th style="text-align: left;">Selected</th> <th style="text-align: left;">Adds Vol.</th> </tr> </thead> <tbody> <tr> <td></td> <td>DIPHENHYDRAMIN E 50 MG/ML INJECTION SOLUTION</td> <td>Medications</td> <td>50 mg</td> <td>Main Ingredient</td> <td>No</td> </tr> <tr> <td></td> <td>SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION</td> <td>Base</td> <td>50 mL</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td></td> <td>DEXTROSE 5 % IN</td> <td>Base</td> <td>50 mL</td> <td>No</td> <td>Yes</td> </tr> </tbody> </table>			Ingredients:	Name	Type	Dose	Selected	Adds Vol.		DIPHENHYDRAMIN E 50 MG/ML INJECTION SOLUTION	Medications	50 mg	Main Ingredient	No		SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes		DEXTROSE 5 % IN	Base	50 mL	No	Yes
Ingredients:	Name	Type	Dose	Selected	Adds Vol.																					
	DIPHENHYDRAMIN E 50 MG/ML INJECTION SOLUTION	Medications	50 mg	Main Ingredient	No																					
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes																					
	DEXTROSE 5 % IN	Base	50 mL	No	Yes																					

WATER (D5W)  
INTRAVENOUS  
SOLUTION

**diphenhydramine (BENADRYL) tablet 25 mg**

Dose: 25 mg                      Route: oral                      once for 1 dose  
Offset: 0 Hours

Instructions:  
Administer 30 minutes prior to chemotherapy.

**diphenhydramine (BENADRYL) tablet 50 mg**

Dose: 50 mg                      Route: oral                      once for 1 dose  
Offset: 0 Hours

Instructions:  
Administer 30 minutes prior to chemotherapy.

**famotidine (PEPCID) 20 mg/2 mL injection 20 mg**

Dose: 20 mg                      Route: intravenous                      once for 1 dose  
Offset: 0 Hours

Instructions:  
Administer 30 minutes prior to chemotherapy.

**famotidine (PEPCID) tablet 20 mg**

Dose: 20 mg                      Route: oral                      once for 1 dose  
Offset: 0 Hours

Instructions:  
Administer 30 minutes prior to chemotherapy.

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg                      Route: oral                      once for 1 dose  
Offset: 0 Hours

Instructions:  
Administer 30 minutes prior to chemotherapy.

Chemotherapy

**trastuzumab (HERCEPTIN) 4 mg/kg in sodium chloride 0.9 % 250 mL chemo IVPB**

Dose: 4 mg/kg                      Route: intravenous                      once over 90 Minutes for 1 dose  
Offset: 30 Minutes

Instructions:  
NOT compatible with D5W.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	TRASTUZUMAB 150 MG INTRAVENOUS SOLUTION	Medications	4 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

Supportive Care

**LORAZepam (ATIVAN) injection 1 mg**

Dose: 1 mg                      Route: intravenous                      PRN  
Start: S

**LORAZepam (ATIVAN) tablet 1 mg**

Dose: 1 mg                      Route: oral                      PRN  
Start: S

Supportive Care

**promethazine (PHENERGAN) injection 12.5 mg**  
 Dose: 12.5 mg      Route: injection      every 6 hours PRN  
 Start: S

Discharge Nursing Orders

**sodium chloride 0.9 % flush 20 mL**  
 Dose: 20 mL      Route: intravenous      PRN

**HEParin, porcine (PF) injection 500 Units**  
 Dose: 500 Units      Route: intra-catheter      once PRN  
 Start: S  
 Instructions:  
 Concentration: 100 units/mL. Heparin flush for  
 Implanted Vascular Access Device  
 maintenance.

Days 8,15

Perform every 7 days x2

Line Flush

**sodium chloride 0.9 % flush 20 mL**  
 Dose: 20 mL      Route: intravenous      PRN  
 Start: S

Nursing Orders

**sodium chloride 0.9 % infusion 250 mL**  
 Dose: 250 mL      Route: intravenous      once @ 30 mL/hr for 1 dose  
 Start: S  
 Instructions:  
 To keep vein open.

Chemotherapy

**trastuzumab (HERCEPTIN) 2 mg/kg in sodium chloride 0.9 % 250 mL chemo IVPB**  
 Dose: 2 mg/kg      Route: intravenous      once over 30 Minutes for 1 dose

Instructions:  
 NOT compatible with D5W.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	TRASTUZUMAB 150 MG INTRAVENOUS SOLUTION	Medications	2 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

Supportive Care

**LORAZepam (ATIVAN) injection 1 mg**  
 Dose: 1 mg      Route: intravenous      PRN  
 Start: S

**LORAZepam (ATIVAN) tablet 1 mg**  
 Dose: 1 mg      Route: oral      PRN  
 Start: S

Supportive Care

**promethazine (PHENERGAN) injection 12.5 mg**  
 Dose: 12.5 mg      Route: injection      every 6 hours PRN  
 Start: S

Discharge Nursing Orders

**sodium chloride 0.9 % flush 20 mL**

Dose: 20 mL

Route: intravenous

PRN

**HEParin, porcine (PF) injection 500 Units**

Dose: 500 Units

Route: intra-catheter

once PRN

Start: S

Instructions:

Concentration: 100 units/mL. Heparin flush for  
Implanted Vascular Access Device  
maintenance.