

# IP TRASTUZUMAB / PERTUZUMAB / PACLITAXEL (CYCLE 2 AND BEYOND)

Types: ONCOLOGY TREATMENT

Synonyms: TRAS, TRASTUZUMAB, HERCEPTIN, PERTUZUMAB, PACLITAXEL, TAXOL, PERJETA, HER, PER, TAX, BREAST , THP

Cycle 2 and Beyond	Repeat 1 time	Cycle length: 21 days
<b>Day 1</b>		Perform every 1 day x1
<b>Provider Communication</b>		
<b>ONC PROVIDER COMMUNICATION</b>		
Interval: Until discontinued	Occurrences: --	
Comments:	Verify Ejection Fraction prior to Cycle 1. Ejection Fraction: ***% on *** (date).	
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.		
<b>Labs</b>		
<input checked="" type="checkbox"/> <b>COMPREHENSIVE METABOLIC PANEL</b>		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> <b>CBC WITH PLATELET AND DIFFERENTIAL</b>		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> <b>MAGNESIUM LEVEL</b>		
Interval: Once	Occurrences: --	
<input type="checkbox"/> <b>URINALYSIS, AUTOMATED WITH MICROSCOPY</b>		
Interval: Once	Occurrences: --	
<input type="checkbox"/> <b>CANCER ANTIGEN 27-29 (CA BR)</b>		
Interval: Once	Occurrences: --	
<b>Line Flush</b>		
<b>sodium chloride 0.9 % flush 20 mL</b>		
Dose: 20 mL	Route: intravenous	PRN
Start: S		
<b>Nursing Orders</b>		
<b>sodium chloride 0.9 % infusion 250 mL</b>		
Dose: 250 mL	Route: intravenous	once @ 30 mL/hr for 1 dose
Instructions: To keep vein open.		
<b>Pre-Medications</b>		
<input checked="" type="radio"/> <b>ondansetron (ZOFTRAN) injection 8 mg</b>		
Dose: 8 mg	Route: intravenous	once for 1 dose
Start: S	End: S 11:15 AM	

**ondansetron (ZOFRAN) tablet 16 mg**

Dose: 16 mg                      Route: oral                      once for 1 dose  
Start: S

**ondansetron (ZOFRAN) 16 mg in dextrose 5% 50 mL IVPB**

Dose: 16 mg                      Route: intravenous                      once over 15 Minutes for 1 dose  
Start: S                      End: S 11:00 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Main Ingredient	No
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes

Pre-Medications

**diphenhydrAMINE (BENADRYL) injection 25 mg**

Dose: 25 mg                      Route: intravenous                      once for 1 dose  
Start: S

Instructions:  
Administer via slow IV push 30 minutes prior to chemotherapy.

**diphenhydrAMINE (BENADRYL) 50 mg in sodium chloride 0.9% 50 mL IVPB**

Dose: 50 mg                      Route: intravenous                      once over 15 Minutes for 1 dose  
Start: S                      End: S 11:45 AM

Instructions:  
Administer 30 minutes prior to chemotherapy.

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 WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

**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) 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.

**Nursing Orders**

**ONC NURSING COMMUNICATION 36**

Interval: Until                      Occurrences: --  
discontinued

Comments:                      Administer chemotherapy in listed order unless otherwise indicated.

**Chemotherapy**

**trastuzumab (HERCEPTIN) 6 mg/kg in sodium chloride 0.9 % 250 mL chemo IVPB**

Dose: 6 mg/kg                      Route: intravenous                      once over 30 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	6 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

**pertuzumab (PERJETA) 420 mg in sodium chloride 0.9 % 250 mL IVPB**

Dose: 420 mg                      Route: intravenous                      once over 1 Hours for 1 dose  
Offset: 1 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	PERTUZUMAB 420 MG/14 ML (30 MG/ML) INTRAVENOUS SOLUTION	Medications	420 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	236 mL	Yes	Yes

**PAClitaxel (TAXOL) 80 mg/m2 in sodium chloride (NON-PVC) 0.9 % 250 mL chemo IVPB**

Dose: 80 mg/m2                      Route: intravenous                      once over 1 Hours for 1 dose  
Offset: 2 Hours

Instructions:  
Administer through a 0.22 micron filter and non-PVC tubing set.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	PACLITAXEL 6 MG/ML	Medications	80 mg/m2	Main Inredient	Yes

CONCENTRATE, IN TRAVENOUS SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	QS Base	250 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base		No	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.

Post-Medications

- TBO-FILGRASTIM INJECTION ORDERABLE solution**  
Dose: --                                      Route: subcutaneous  
Start: S  
Rule-Based Template: RULE ONCBCN  
NEUPOGEN WEIGHT BASED  
Conditions:                                      Modifications:  
Weight > 72 kg                                      Set dose to 480 mcg  
Weight <= 72 kg                                      Set dose to 300 mcg

Days 8,15

Perform every 7 days x2

Labs

- COMPREHENSIVE METABOLIC PANEL**  
Interval: Once                      Occurrences: --
- CBC WITH PLATELET AND DIFFERENTIAL**  
Interval: Once                      Occurrences: --
- MAGNESIUM LEVEL**  
Interval: Once                      Occurrences: --

**URINALYSIS, AUTOMATED WITH MICROSCOPY**  
Interval: Once Occurrences: --

**CANCER ANTIGEN 27-29 (CA BR)**  
Interval: Once Occurrences: --

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  
Instructions:  
To keep vein open.

Pre-Medications

**ondansetron (ZOFRAN) injection 8 mg**  
Dose: 8 mg Route: intravenous once for 1 dose  
Start: S End: S 11:15 AM

**ondansetron (ZOFRAN) tablet 16 mg**  
Dose: 16 mg Route: oral once for 1 dose  
Start: S

**ondansetron (ZOFRAN) 16 mg in dextrose 5% 50 mL IVPB**  
Dose: 16 mg Route: intravenous once over 15 Minutes for 1 dose  
Start: S End: S 11:00 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Main Ingredient	No
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes

Pre-Medications

**diphenhydrAMINE (BENADRYL) injection 25 mg**  
Dose: 25 mg Route: intravenous once for 1 dose  
Start: S  
Instructions:  
Administer via slow IV push 30 minutes prior to chemotherapy.

**diphenhydrAMINE (BENADRYL) 50 mg in sodium chloride 0.9% 50 mL IVPB**  
Dose: 50 mg Route: intravenous once over 15 Minutes for 1 dose  
Start: S End: S 11:45 AM

Instructions:  
Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DIPHENHYDRAMIN E 50 MG/ML INJECTION SOLUTION	Medications	50 mg	Main Ingredient	No
	SODIUM	Base	50 mL	Yes	Yes

CHLORIDE 0.9 %  
 INTRAVENOUS  
 SOLUTION  
 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) 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

**PAClitaxel (TAXOL) 80 mg/m2 in sodium chloride (NON-PVC) 0.9 % 250 mL chemo IVPB**

Dose: 80 mg/m2 Route: intravenous once over 1 Hours for 1 dose  
 Offset: 60 Minutes

Instructions:  
 Administer through a 0.22 micron filter and non-PVC tubing set.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	PACLITAXEL 6 MG/ML CONCENTRATE, IN TRAVENOUS SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Medications	80 mg/m2	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base		No	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.

Post-Medications

**TBO-FILGRASTIM INJECTION ORDERABLE  
solution**

Dose: --                                      Route: subcutaneous  
Start: S

Rule-Based Template: RULE ONCBCN  
NEUPOGEN WEIGHT BASED

Conditions:

Weight > 72 kg  
Weight <= 72 kg

Modifications:

Set dose to 480 mcg  
Set dose to 300 mcg