

IP TRASTUZUMAB / PERTUZUMAB / DOCETAXEL (CYCLE 2 AND BEYOND)

Types: ONCOLOGY TREATMENT

Synonyms: TRAS, TRASTUZUMAB, HERCEPTIN, PERTUZUMAB, DOCETAXEL, TAXOTERE, PERJETA, HURCEPTIN, HER, HUR, TAX, PER, BREAST

Cycle 2 and Beyond	Repeat 1 time	Cycle length: 21 days
Day 1		Perform every 1 day x1
Provider Communication		
ONC PROVIDER COMMUNICATION		
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.		
Labs		
<input checked="" type="checkbox"/> COMPREHENSIVE METABOLIC PANEL		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> CBC WITH PLATELET AND DIFFERENTIAL		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> MAGNESIUM LEVEL		
Interval: Once	Occurrences: --	
<input type="checkbox"/> URINALYSIS, AUTOMATED WITH MICROSCOPY		
Interval: Once	Occurrences: --	
<input type="checkbox"/> CANCER ANTIGEN 27-29 (CA BR)		
Interval: Once	Occurrences: --	
Nursing Orders		
TREATMENT CONDITIONS 7		
Interval: Until discontinued	Occurrences: --	
Comments:	HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.	
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.

Pre-Medications

- ondansetron (ZOFTRAN) 16 mg, dexamethasone (DECADRON) 20 mg in sodium chloride 0.9% 50 mL IVPB**

Dose: -- Route: intravenous once over 15 Minutes for 1 dose
Start: S End: S 11:30 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Yes	No
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	20 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

- ondansetron (ZOFTRAN) tablet 16 mg**

Dose: 16 mg Route: oral once for 1 dose
Start: S End: S 11:30 AM

- dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg Route: oral once for 1 dose
Start: S

- aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg Route: intravenous once over 30 Minutes for 1 dose
Start: S End: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	APREPITANT 7.2 MG/ML INTRAVENOUS EMULSION	Medications	130 mg	Main Ingredient	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	Base	130 mL	Yes	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	Base	130 mL	No	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 ma 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) 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.

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.
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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

DOCEtaxel (TAXOTERE) 75 mg/m2 in sodium chloride (NON-PVC) 0.9 % 250 mL chemo IVPB

Dose: 75 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
Offset: 2 Hours

Instructions:
Administer through non-DEHP tubing; Use within 4 hours of preparation; Protect from light.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DOCETAXEL 80 MG/4 ML (20 MG/ML) INTRAVENOUS SOLUTION	Medications	75 mg/m2	Main Ingredient	Yes
	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	250 mL	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 Nursina 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