

IP TRASTUZUMAB / PACLITAXEL (EVERY 7 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: TRAS, TRASTUZUMAB, HERCEPTIN, PACLITAXEL, TAXOL, HER, PAC, TAX, HURCEPTIN, HUR, BREAST

Cycle 1	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) 8 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	8 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

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) 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) 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

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

Dose: 80 mg/m2 Route: intravenous once over 2 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 CONCENTRATE, INTRAVENOUS	Medications	80 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		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

Day 8

Perform every 1 day x1

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: --

Nursing Orders

TREATMENT CONDITIONS 7

Interval: Until Occurrences: --

discontinued

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) 8 mg, dexamethasone (DECADRON) 10 mg in sodium chloride 0.9 % 50 mL IVPB

Dose: -- Route: intravenous once over 15 Minutes for 1 dose
Start: S

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	8 mg	Yes	No
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	10 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		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 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)	Base	50 mL	No	Yes

**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.

Nursing Orders

ONC NURSING COMMUNICATION 36

Interval: Until Occurrences: --
discontinued

Comments: Administer chemotherapy in listed order unless otherwise indicated.

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
Offset: 30 Minutes

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

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

Dose: 80 mg/m2 Route: intravenous once over 2 Hours for 1 dose
Offset: 1 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 CONCENTRATE, IN TRAVENOUS	Medications	80 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		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

Day 15

Perform every 1 day x1

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: --

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 (ZOFRAN) injection 8 mg

Dose: 8 mg Route: intravenous once for 1 dose
Start: S

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

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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

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Dose: 20 mg Route: intravenous once for 1 dose
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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) 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
Offset: 30 Minutes

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

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

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

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Dose: 12.5 mg Route: injection every 6 hours PRN
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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