

# IP CARBOPLATIN / PACLITAXEL W/ CONCURRENT THORACIC RT

Types: ONCOLOGY TREATMENT

Synonyms: CARB, CARBO, CARBOPLATIN, PARA, PARAPLATIN, PACLITAXEL, PACS, PAX, TAXOL, PACKLITAXEL

Cycle 1	Repeat 1 time	Cycle length: 21 days
<b>Day 1</b>		Perform every 1 day x1
<b>Nursing Orders</b>		
<b>ONC NURSING COMMUNICATION 37</b>		
Interval: Once	Occurrences: --	
Comments: Verify with the patient that a radiation appointment has been scheduled.		
<b>Labs</b>		
<input checked="" type="checkbox"/> <b>CBC WITH PLATELET AND DIFFERENTIAL</b>		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> <b>COMPREHENSIVE METABOLIC PANEL</b>		
Interval: Once	Occurrences: --	
<input checked="" type="checkbox"/> <b>MAGNESIUM LEVEL</b>		
Interval: Once	Occurrences: --	
<input type="checkbox"/> <b>LDH</b>		
Interval: Once	Occurrences: --	
<input type="checkbox"/> <b>URIC ACID LEVEL</b>		
Interval: Once	Occurrences: --	
<b>Nursing Orders</b>		
<b>TREATMENT CONDITIONS 7</b>		
Interval: Once	Occurrences: --	
Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.		
<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
Start: S		
Instructions: To keep vein open.		
<b>Pre-Hydration</b>		
<b>sodium chloride 0.9 % infusion 500 mL</b>		
Dose: 500 mL	Route: intravenous	once @ 250 mL/hr for 1 dose
<b>Pre-Medications</b>		
<b>ondansetron (ZOFRAN) 16 mg, dexamethasone (DECADRON) 20 mg in sodium chloride 0.9% 50 mL IVPB</b>		
<input checked="" type="checkbox"/>		
Dose: --	Route: intravenous	once over 15 Minutes for 1 dose
Start: S		
<b>Ingredients:</b>	<b>Name</b>	<b>Type Dose Selected Adds Vol.</b>

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 (ZOFRAN) tablet 16 mg**

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

**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 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 % IV SOLP (EXCEL;NON-PVC)	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) 50 mg/m2 in sodium chloride (NON-PVC) 0.9 % 150 mL chemo IVPB**

Dose: 50 mg/m2 Route: intravenous once over 60 Minutes 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	50 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	QS Base	150 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base		No	Yes

**CARBOplatin (PARAplatin) in sodium chloride 0.9 % 250 mL chemo IVPB**

AUC: 2 Use AUC Route: intravenous once over 60 Minutes for 1 dose

Ingredients:	Name	Offset: 3 Hours		Selected	Adds Vol.
		Type	Dose		
	CARBOPLATIN 10 MG/ML	Medications		Main Ingredient	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 0.9 %	QS Base	250 mL	Yes	Yes
	INTRAVENOUS SOLUTION				
	DEXTROSE 5 % IN WATER (D5W)	QS Base	250 mL	No	Yes
	INTRAVENOUS SOLUTION				

Hematology & Oncology Hypersensitivity Reaction Standing Order

**ONC NURSING COMMUNICATION 82**

Interval: Until discontinued

Occurrences: --

Comments:

Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)

1. Stop the infusion.
2. Place the patient on continuous monitoring.
3. Obtain vital signs.
4. Administer Normal Saline at 50 mL per hour using a new bag and new intravenous tubing.
5. If greater than or equal to 30 minutes since the last dose of Diphenhydramine, administer Diphenhydramine 25 mg intravenous once.
6. If less than 30 minutes since the last dose of Diphenhydramine, administer Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
7. Notify the treating physician.
8. If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe).
9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**ONC NURSING COMMUNICATION 83**

Interval: Until discontinued

Occurrences: --

Comments:

Grade 2 – MODERATE Symptoms (cardiovascular, respiratory, or gastrointestinal symptoms – shortness of breath, wheezing, nausea, vomiting, dizziness, diaphoresis, throat or chest tightness, abdominal or back pain)

1. Stop the infusion.
2. Notify the CERT team and treating physician immediately.
3. Place the patient on continuous monitoring.
4. Obtain vital signs.
5. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O2 saturation of greater than or equal to 92%.
6. Administer Normal Saline at 150 mL per hour using a new bag and new intravenous tubing.
7. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous), Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
8. If no improvement after 15 minutes, advance level of care to Grade 3 (Severe).
9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**ONC NURSING COMMUNICATION 4**

Interval: Until discontinued  
 Comments:

Occurrences: --

Grade 3 – SEVERE Symptoms (hypoxia, hypotension, or neurologic compromise – cyanosis or O2 saturation less than 92%, hypotension with systolic blood pressure less than 90 mmHg, confusion, collapse, loss of consciousness, or incontinence)

1. Stop the infusion.
2. Notify the CERT team and treating physician immediately.
3. Place the patient on continuous monitoring.
4. Obtain vital signs.
5. If heart rate is less than 50 or greater than 120, or blood pressure is less than 90/50 mmHg, place patient in reclined or flattened position.
6. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O2 saturation of greater than or equal to 92%.
7. Administer Normal Saline at 1000 mL intravenous bolus using a new bag and new intravenous tubing.
8. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous) and Famotidine 20 mg intravenous once.
9. Administer Epinephrine (1:1000) 0.3 mg subcutaneous.
10. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**diphenhydramine (BENADRYL) injection 25 mg**

Dose: 25 mg                      Route: intravenous                      PRN  
 Start: S

**fexofenadine (ALLEGRA) tablet 180 mg**

Dose: 180 mg                      Route: oral                      PRN  
 Start: S

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

Dose: 20 mg                      Route: intravenous                      PRN  
 Start: S

**hydrocortisone sodium succinate (Solu-CORTEF) injection 100 mg**

Dose: 100 mg                      Route: intravenous                      PRN

**dexamethasone (DECADRON) injection 4 mg**

Dose: 4 mg                      Route: intravenous                      PRN  
 Start: S

**epinephrine (ADRENALIN) 1 mg/10 mL ADULT injection syringe 0.3 mg**

Dose: 0.3 mg                      Route: subcutaneous                      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.

Nursing Orders

**ONC NURSING COMMUNICATION 37**

Interval: Once

Occurrences: --

Comments:

Verify with the patient that a radiation appointment has been scheduled.

Labs

**CBC WITH PLATELET AND DIFFERENTIAL**

Interval: Once

Occurrences: --

**COMPREHENSIVE METABOLIC PANEL**

Interval: Once

Occurrences: --

**MAGNESIUM LEVEL**

Interval: Once

Occurrences: --

**LDH**

Interval: Once

Occurrences: --

**URIC ACID LEVEL**

Interval: Once

Occurrences: --

Nursing Orders

**TREATMENT CONDITIONS 7**

Interval: Once

Occurrences: --

Comments:

HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000.

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-Hydration

**sodium chloride 0.9 % infusion 500 mL**

Dose: 500 mL

Route: intravenous

once @ 250 mL/hr for 1 dose

Pre-Medications

**ondansetron (ZOFRAN) 16 mg, dexamethasone**

**(DECADRON) 12 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

12 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 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.

Chemotherapy

**PAClitaxel (TAXOL) 50 mg/m2 in sodium chloride (NON-PVC) 0.9 % 150 mL chemo IVPB**

Dose: 50 mg/m2                      Route: intravenous                      once over 60 Minutes 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	50 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	QS Base	150 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base		No	Yes

**CARBOplatin (PARAplatin) in sodium chloride 0.9 % 250 mL chemo IVPB**

AUC: 2 Use AUC                      Route: intravenous                      once over 60 Minutes for 1 dose  
Offset: 3 Hours

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	CARBOPLATIN 10 MG/ML INTRAVENOUS SOLUTION	Medications		Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes