

IP CARBOPLATIN / PACLITAXEL (DOSE DENSE)

Types: ONCOLOGY TREATMENT

Synonyms: CARB, PARA, CARBOPLATIN, PARAPLATIN, PACLITAXEL, TAXOL, DOSE DENSE, PACKLITAXEL, PAKLITAXEL, TAX, PAC, PAK, PARA

Cycle 1	Repeat 1 time	Cycle length: 21 days
Day 1 Perform every 1 day x1		
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"/>	CANCER ANTIGEN 125	Interval: Once Occurrences: --
<input type="checkbox"/>	LDH	Interval: Once Occurrences: --
<input type="checkbox"/>	URIC ACID LEVEL	Interval: Once Occurrences: --
Nursing Orders		
	TREATMENT CONDITIONS 13	Interval: Until discontinued Occurrences: -- Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000; Serum Creatinine GREATER than 1.5, Total Bilirubin GREATER than 1.5
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		
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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.

Pre-Medications

ondansetron (ZOFTRAN) 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 10:00 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

CHLORIDE 0.9 %
 INTRAVENOUS
 SOLUTION
 DEXTROSE 5 % IN Base No Yes
 WATER (D5W)
 INTRAVENOUS
 SOLUTION

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	Medications	130 mg	Main Ingredient	Yes
	INTRAVENOUS EMULSION				
	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

LORazepam (ATIVAN) tablet 1 mg

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

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	Medications	80 mg/m2	Main Ingredient	Yes
	CONCENTRATE, INTRAVENOUS				
	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

Chemotherapy

CARBOplatin (PARAplatin) in dextrose 5% 250 mL chemo IVPB

AUC: 6 Use AUC Route: intravenous once over 60 Minutes for 1 dose
 Offset: 90 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	CARBOPLATIN 10 MG/ML	Medications		Main Ingredient	Yes
	INTRAVENOUS SOLUTION				

SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	No	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

Hematology & Oncology Hypersensitivity Reaction Standing Order

ONC NURSING COMMUNICATION 82

Interval: Until discontinued
Comments:

Occurrences: --

- 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
Comments:

Occurrences: --

- 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.

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

CBC WITH PLATELET AND DIFFERENTIAL

Interval: Once Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

Nursing Orders

TREATMENT CONDITIONS 13

Interval: Until Occurrences: --
discontinued

Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000; Serum Creatinine GREATER than 1.5, Total Bilirubin GREATER than 1.5

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

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.

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

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, INTRAVENOUS SOLUTION	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 QS Base No Yes
 WATER (D5W) IV
 SOLP (EXCEL;
 NON-PVC)

Day 15

Perform every 1 day x1

Labs

CBC WITH PLATELET AND DIFFERENTIAL

Interval: Once Occurrences: --

COMPREHENSIVE METABOLIC PANEL

Interval: Once Occurrences: --

Nursing Orders

TREATMENT CONDITIONS 13

Interval: Until Occurrences: --
 discontinued

Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000; Serum Creatinine GREATER than 1.5, Total Bilirubin GREATER than 1.5

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

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.

Pre-Medications

ondansetron (ZOFRAN) injection 8 mg

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

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, INTRAVENOUS	Medications	80 mg/m ²	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