

IP CARBOPLATIN (AUC=5) / GEMCITABINE 1000 MG/M2

Types: ONCOLOGY TREATMENT

Synonyms: CARB, CARBOPLATIN, PARAPLATIN, GEMCITABINE, GEMZAR, PARA, GEM, BLADDER

Cycle 1	Repeat 1 time	Cycle length: 21 days
Day 1	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: --	
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.	
Nursing Orders		
sodium chloride 0.9 % infusion 500 mL		
Dose: 500 mL	Route: intravenous	once @ 500 mL/hr for 1 dose
Start: S		
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 Base		No	Yes		
WATER (D5W)					
INTRAVENOUS					
SOLUTION					
☐ 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	Medications	130 mg	Main	Yes
	MG/ML			Ingredient	
	INTRAVENOUS				
	EMULSION				
	DEXTROSE 5 % IN	Base	130 mL	Yes	Yes
	WATER (D5W) IV				
	SOLP (EXCEL;				
	NON-PVC)				
	SODIUM	Base	130 mL	No	Yes
	CHLORIDE 0.9 % IV				
	SOLP				
	(EXCEL;NON-PVC)				

Pre-Medications

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	Base	130 mL	Yes	Yes
	SOLP (EXCEL; NON-PVC)				
	SODIUM CHLORIDE 0.9 % IV	Base	130 mL	No	Yes
	SOLP (EXCEL;NON-PVC)				

Pre-Medications

☐ LORazepam (ATIVAN) tablet 1 mg			
Dose: 1 mg	Route: oral	once for 1 dose	
Start: S			

Chemotherapy

gemcitabine (GEMZAR) 1,000 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB					
Dose: 1,000 mg/m2		Route: intravenous		once over 30 Minutes for 1 dose	
				Offset: 30 Minutes	
Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	GEMCITABINE 200	Medications	1,000	Main	Yes
	MG/5.26 ML (38		mg/m2	Ingredient	

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

Chemotherapy

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

AUC: 5 Use AUC

Route: intravenous

once over 60 Minutes for 1 dose
Offset: 1 Hours

Ingredients:

Name

Type

Dose

Selected Main Ingredient

Adds Vol. Yes

CARBOPLATIN 10
MG/ML
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION
DEXTROSE 5 % IN
WATER (D5W)
INTRAVENOUS
SOLUTION

Medications

QS Base

250 mL

Yes

Yes

QS Base

250 mL

No

Yes

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

Occurrences: --

Comments:

- 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.

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 8

Interval: Until Occurrences: --

discontinued

Comments:

On Day 8 of Gemcitabine: HOLD and notify provider if ANC LESS than
1500; Platelets LESS than 75,000.

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

☐ **LORazepam (ATIVAN) tablet 1 mg**

Dose: 1 mg Route: oral once for 1 dose

Start: S

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

Inredients:

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

Chemotherapy

gemcitabine (GEMZAR) 1,000 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 1,000 mg/m2 Route: intravenous once over 30 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	GEMCITABINE 200 MG/5.26 ML (38 MG/ML) INTRAVENOUS SOLUTION	Medications	1,000 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes

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.