

IP GEMCITABINE / CISPLATIN (EVERY 21 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: GEM, GEMCITABINE, GEMZAR, CISPLATIN, PLATINOL, CIS, PLAT, 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 1500; Platelets LESS than 100,000; Serum Creatinine GREATER than 1.2; Total Bilirubin GREATER than 1.6	
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-Hydration		
sodium chloride 0.9 % infusion 1,000 mL	Dose: 1,000 mL Route: intravenous once @ 250 mL/hr for 1 dose	
Instructions:	Hydration should be administered 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		
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
aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB					
☒	Dose: 130 mg Start: S	Route: intravenous End: S	once over 30 Minutes for 1 dose		
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

Chemotherapy

Chemotherapy

CISplatin (PLATINOL) 70 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 70 mg/m2

Route: intravenous

once over 2 Hours for 1 dose

Offset: 4 Hours

Instructions:

Administer on Day 1.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
CISPLATIN 1 MG/ML INTRAVENOUS SOLUTION	Medications	70 mg/m2	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	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: 6.5 Hours		
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 QS Base		No	Yes
			WATER (D5W)			
			INTRAVENOUS			
			SOLUTION			
		Post-Hydration				
		☐ sodium chloride 0.9 % infusion 1,000 mL Dose: 1,000 mL Route: intravenous once @ 250 mL/hr for 1 dose Offset: 6 Hours Instructions: Following chemotherapy.				
		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				
		ONC NURSING COMMUNICATION 9 Interval: Until discontinued Occurrences: -- Comments: Draw CBC w/ differential on Day 8 of treatment cycle.				
		Nursing Orders				
		TREATMENT CONDITIONS 8 Interval: Until discontinued Occurrences: -- 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				

☒ **ondansetron (ZOFTRAN) injection 8 mg**

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

☐ **ondansetron (ZOFTRAN) tablet 16 mg**

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

☐ **ondansetron (ZOFTRAN) 16 mg in dextrose 5% 50 mL IVPB**

Dose: 16 mg 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	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.