Protocol Index

IP CISPLATIN / GEMCITABINE (EVERY 21 DAYS)

Types: ONCOLOGY TREATMENT
Synonyms: SIS, CISPLATIN, GEMCITABINE, GEMZAR, PLATINOL, JEM, BLA, GYNECOLOGIC , MALIGNANCY

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: --

☐ **CANCER ANTIGEN 125**
Interval: Once Occurrences: --

☐ **LDH**
Interval: Once Occurrences: --

☐ **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-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 (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 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
	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 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

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: 4.5 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 WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes

Chemotherapy

CISplatin (PLATINOL) 50 mg/m2 in sodium chloride 0.9 % 250 mL chemo IVPB

Dose: 50 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
Offset: 5 Hours

Instructions:
Start CISplatin after completion of

pre-hydration.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
CISPLATIN 1 MG/ML INTRAVENOUS SOLUTION	Medications	50 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

Post-Hydration

○ **sodium chloride 0.9 % infusion 1,000 mL**

Dose: 1,000 mL Route: intravenous once @ 250 mL/hr for 1 dose
Offset: 3 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.

Post-Medications

○ **TBO-FILGRASTIM INJECTION ORDERABLE solution**

Dose: -- Route: subcutaneous
Start: S
Rule-Based Template: RULE ONCBCN NEUPOGEN WEIGHT BASED

Conditions:	Modifications:
Weight > 72 kg	Set dose to 480 mcg
Weight <= 72 kg	Set dose to 300 mcg

Day 8 Perform every 1 day x1

Labs

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Interval: Once Occurrences: --

☑ **MAGNESIUM LEVEL**

Interval: Once Occurrences: --

☐ **CANCER ANTIGEN 125**

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☐ **LDH**

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☐ **URIC ACID LEVEL**

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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

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) 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

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☑ **aprepitant (CINVANTI) 130 mg in dextrose (NON-PVC) 5% 130 mL IVPB**

Dose: 130 mg Route: intravenous once over 30 Minutes for 1 dose

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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

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

Post-Hydration

○ **sodium chloride 0.9 % infusion 1,000 mL**

Dose: 1,000 mL Route: intravenous once @ 250 mL/hr for 1 dose
Offset: 3 Hours

Instructions:
Following chemotherapy.