

IP GEMCITABINE / CISPLATIN (EVERY 21 DAYS) (LUNG)

Types: ONCOLOGY TREATMENT

Synonyms: GEM, GEMCITABINE, GEMZAR, CISPLATIN, PLATINOL, CIS, PLAT, LUNG, NON-SMALL CELL, NSCLC

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: --		
Nursing Orders		
TREATMENT CONDITIONS 9 Interval: Once Occurrences: -- Comments: HOLD and notify provider if ANC LESS than 1000; Platelets LESS than 100,000; Serum Creatinine GREATER than 1.1		
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 %	Base 50 mL Always Yes

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

Chemotherapy

CISPlatin (PLATINOL) 75 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 75 mg/m2 Route: intravenous once over 2 Hours for 1 dose
 Offset: 4.5 Hours

Instructions:
 Administer on Day 1.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	CISPLATIN 1 MG/ML	Medications	75 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION SODIUM CHLORIDE 0.9 %	QS Base	500 mL	Yes	Yes
	INTRAVENOUS SOLUTION DEXTROSE 5 % IN WATER (D5W)	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)	Medications	1,000 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION SODIUM CHLORIDE 0.9 %	QS Base	250 mL	Yes	Yes
	INTRAVENOUS SOLUTION DEXTROSE 5 % IN WATER (D5W)	QS Base		No	Yes

INTRAVENOUS
SOLUTION

Post-Hydration

sodium chloride 0.9 % infusion 1,000 mL

Dose: 1,000 mL Route: intravenous once @ 500 mL/hr for 1 dose
Offset: 4 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: --

Nursing Orders

TREATMENT CONDITIONS 8

Interval: Until Occurrences: --

discontinued

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

Nursing Orders

ONC NURSING COMMUNICATION 9

Interval: Until Occurrences: --

discontinued

Comments: Draw CBC w/ differential on Day 8 of treatment cycle.

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) 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

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