

IP IFOSFAMIDE / ETOPOSIDE

Types: ONCOLOGY TREATMENT

Synonyms: ETOPOSIDE, VP16, IFOS, IFEX, SARCOMA, MESNA, GYN, IFEX, IFOSFAMIDE

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: --	
☐ LDH	Interval: Once Occurrences: --	
☐ URIC ACID LEVEL	Interval: Once Occurrences: --	
☐ URINALYSIS, AUTOMATED WITH MICROSCOPY	Interval: Once Occurrences: --	
Labs		
URINALYSIS, AUTOMATED WITH MICROSCOPY	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.	
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 11:30 AM	
Ingredients:	Name	Type
	ONDANSETRON	Medications
	HCL (PF) 4 MG/2	
	Dose	Selected
	16 mg	Yes
	Adds Vol.	No

ML INJECTION SOLUTION DEXAMETHASONE 4 MG/ML INJECTION SOLUTION SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Medications	12 mg	Yes	No
Base	50 mL	Always	Yes	
Base		No	Yes	

☐ **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 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

etoposide (TOPOSAR) 100 mg/m2 in sodium chloride (NON-PVC) 0.9 % 500 mL chemo IVPB

Dose: 100 mg/m2	Route: intravenous	once over 3 Hours for 1 dose
		Offset: 30 Minutes

Instructions:
Administer through a 0.22 micron filter and non-PVC tubing set.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ETOPOSIDE 20 MG/ML INTRAVENOUS SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	QS Base	500 mL	Yes	Yes

ifosfamide (IFEX) 1,800 mg/m2, mesna (MESNEX) 1,800 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 1,800 mg/m2	Route: intravenous	once over 3 Hours for 1 dose
		Offset: 3.5 Hours

		Ingredients:	Name	Type	Dose	Selected	Adds Vol.
			IFOSFAMIDE 1 GRAM INTRAVENOUS SOLUTION	Medications	1,800 mg/m2	Main Ingredient	Yes
			MESNA 100 MG/ML INTRAVENOUS SOLUTION	Medications	1,800 mg/m2	Yes	Yes
			SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	500 mL	Yes	Yes
			DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	500 mL	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 Start: S Instructions: Concentration: 100 units/mL. Heparin flush for Implanted Vascular Access Device maintenance.	Route: intra-catheter	once PRN			
Days 2,3,4,5							
	Labs	Perform every 1 day x4					
		URINALYSIS, AUTOMATED WITH MICROSCOPY					
		Interval: Once	Occurrences: --				
Nursing Orders							
		sodium chloride 0.9 % infusion 250 mL					
		Dose: 250 mL Start: S Instructions: To keep vein open.	Route: intravenous	once @ 30 mL/hr for 1 dose			
Pre-Medications							
		☒ ondansetron (ZOFran) 16 mg, dexamethasone (DECADRON) 12 mg in sodium chloride 0.9 % 50 mL IVPB					
		Dose: -- Start: S	Route: intravenous	once over 15 Minutes for 1 dose			
	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
Start: S

Route: oral

once for 1 dose

☐ **dexamethasone (DECADRON) tablet 12 mg**

Dose: 12 mg
Start: S

Route: oral

once for 1 dose

Chemotherapy

**etoposide (TOPOSAR) 100 mg/m2 in sodium
chloride (NON-PVC) 0.9 % 500 mL chemo IVPB**

Dose: 100 mg/m2

Route: intravenous

once over 3 Hours for 1 dose
Offset: 30 Minutes

Instructions:

Administer through a 0.22 micron filter and
non-PVC tubing set.

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

ETOPOSIDE 20
MG/ML
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 % IV
SOLP
(EXCEL;NON-PVC)

Medications

100
mg/m2

Main
Ingredient

QS Base

500 mL

Yes
Yes

**ifosfamide (IFEX) 1,800 mg/m2, mesna
(MESNEX) 1,800 mg/m2 in sodium chloride 0.9
% 500 mL chemo IVPB**

Dose: 1,800 mg/m2

Route: intravenous

once over 3 Hours for 1 dose
Offset: 3.5 Hours

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

IFOSFAMIDE 1
GRAM
INTRAVENOUS
SOLUTION
MESNA 100 MG/ML
INTRAVENOUS
SOLUTION
SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION
DEXTROSE 5 % IN
WATER (D5W)
INTRAVENOUS
SOLUTION

Medications

1,800
mg/m2

Main
Ingredient

Medications

1,800
mg/m2

Yes
Yes

QS Base

500 mL

Yes
Yes

QS Base

500 mL

No
Yes