

IP AIM (MODIFIED)

Types: ONCOLOGY TREATMENT

Synonyms: AIM, SARCOMA, SOFT, TISSUE, MESNA, IFOS, ADRIA, DOXO, BAINHART

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	
Instructions:	To keep vein open.	
Pre-Medications		
☒ ondansetron (ZOFTRAN) 8 mg, dexamethasone (DECADRON) 20 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	Medications 8 mg Yes No

ML INJECTION SOLUTION DEXAMETHASONE Medications	20 mg	Yes	No
4 MG/ML INJECTION SOLUTION SODIUM	Base	50 mL	Always
CHLORIDE 0.9 % INTRAVENOUS SOLUTION 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

☐ **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	Medications	130 mg	Main Ingredient	Yes
	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)				

Chemotherapy

DOXOrubicin (ADRIAMycin) 35 mg/m2 in sodium chloride 0.9% 500 mL chemo IVPB

Dose: 35 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
Offset: 30 Minutes

Instructions:
Protect from light. VESICANT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DOXORUBICIN 50 MG/25 ML	Medications	35 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION				
	SODIUM	QS Base	500 mL	Yes	Yes
	CHLORIDE 0.9 %				
	INTRAVENOUS SOLUTION				
	DEXTROSE 5 % IN	QS Base	500 mL	No	Yes
	WATER (D5W)				
	INTRAVENOUS SOLUTION				

Chemotherapy

ifosfamide (IFEX) 2,000 mg/m2, mesna (MESNEX) 500 mg/m2 in dextrose 5% 500 mL chemo IVPB

Dose: --

Route: intravenous

once over 2 Hours for 1 dose

Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	IFOSFAMIDE 1 GRAM	Medications	2,000 mg/m2	Yes	Yes
	INTRAVENOUS SOLUTION				
	MESNA 100 MG/ML	Medications	500 mg/m2	Yes	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 0.9 %	QS Base	500 mL	No	Yes
	INTRAVENOUS SOLUTION				
	DEXTROSE 5 % IN WATER (D5W)	QS Base	500 mL	Yes	Yes
	INTRAVENOUS SOLUTION				

Chemotherapy

mesna (MESNEX) 1,250 mg/m2, sodium bicarbonate 200 mEq, sodium chloride 77 mEq, potassium chloride 40 mEq in sterile water 2,000 mL IVPB

Dose: 1,250 mg/m2

Route: intravenous

once over 24 Hours for 1 dose

Offset: 2.5 Hours

Instructions:

Sodium chloride 77 mEq + Sterile water = 0.225% NaCl solution (2000 mL).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	MESNA 100 MG/ML	Medications	1,250 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 0.9 %	QS Base		No	Yes
	INTRAVENOUS SOLUTION				
	DEXTROSE 5 % IN WATER (D5W)	QS Base		No	Yes
	INTRAVENOUS SOLUTION				
	SODIUM BICARBONATE 1 MEQ/ML (8.4 %)	Additives	100 mEq/L	Yes	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 4 MEQ/ML	Additives	38.5 mEq/L	Yes	Yes
	INTRAVENOUS SOLUTION				
	POTASSIUM CHLORIDE 2 MEQ/ML	Additives	20 mEq/L	Yes	Yes
	INTRAVENOUS SOLUTION				
	WATER FOR INJECTION, STERILE	QS Base	1,760.75 mL	Yes	Yes

INTRAVENOUS
SOLUTION

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 2

Perform every 1 day x1

Labs

**URINALYSIS, AUTOMATED WITH
MICROSCOPY**

Interval: Once

Occurrences: --

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL

Route: intravenous

once @ 30 mL/hr for 1 dose

Instructions:

To keep vein open.

Pre-Medications

ondansetron (ZOFTRAN) 8 mg, dexamethasone

☒ **(DECADRON) 20 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

8 mg

Yes

No

DEXAMETHASONE
4 MG/ML
INJECTION
SOLUTION

Medications

20 mg

Yes

No

SODIUM
CHLORIDE 0.9 %
INTRAVENOUS
SOLUTION
DEXTROSE 5 % IN
WATER (D5W)
INTRAVENOUS
SOLUTION

Base

50 mL

Always

Yes

Base

No

Yes

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

Dose: 16 mg

Route: oral

once for 1 dose

Start: S

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

Dose: 12 mg

Route: oral

once for 1 dose

Start: S

Chemotherapy

**DOXOrubicin (ADRIAmycin) 35 mg/m2 in
sodium chloride 0.9% 500 mL chemo IVPB**

Dose: 35 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
Offset: 30 Minutes

Instructions:
Protect from light. VESICANT

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DOXORUBICIN 50 MG/25 ML INTRAVENOUS SOLUTION	Medications	35 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	500 mL	No	Yes

Chemotherapy

ifosfamide (IFEX) 2,000 mg/m2 in sodium chloride 0.9 % 500 mL chemo IVPB

Dose: 2,000 mg/m2 Route: intravenous once over 2 Hours for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	IFOSFAMIDE 1 GRAM INTRAVENOUS SOLUTION	Medications	2,000 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	500 mL	No	Yes

Chemotherapy

mesna (MESNEX) 1,250 mg/m2, sodium bicarbonate 200 mEq, sodium chloride 77 mEq, potassium chloride 40 mEq in sterile water 2,000 mL IVPB

Dose: 1,250 mg/m2 Route: intravenous once over 24 Hours for 1 dose
Offset: 2.5 Hours

Instructions:
Sodium chloride 77 mEq + Sterile water = 0.225% NaCl solution (2000 mL).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	MESNA 100 MG/ML INTRAVENOUS SOLUTION	Medications	1,250 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base		No	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes
	SODIUM BICARBONATE 1 MEQ/ML (8.4 %) INTRAVENOUS	Additives	100 mEq/L	Yes	Yes

SOLUTION SODIUM CHLORIDE 4 MEQ/ML INTRAVENOUS SOLUTION	Additives	38.5 mEq/L	Yes	Yes
POTASSIUM CHLORIDE 2 MEQ/ML INTRAVENOUS SOLUTION	Additives	20 mEq/L	Yes	Yes
WATER FOR INJECTION, STERILE INTRAVENOUS SOLUTION	QS Base	1,760.75 mL	Yes	Yes

Day 3

Perform every 1 day x1

Labs

URINALYSIS, AUTOMATED WITH MICROSCOPY

Interval: Once Occurrences: --

Nursing Orders

sodium chloride 0.9 % infusion 250 mL

Dose: 250 mL Route: intravenous once @ 30 mL/hr for 1 dose

Instructions:
To keep vein open.

Pre-Medications

ondansetron (ZOFTRAN) 8 mg, dexamethasone

- ☒ (DECADRON) 20 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	8 mg	Yes	No
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	20 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

- ☐ ondansetron (ZOFTRAN) tablet 16 mg

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

- ☐ dexamethasone (DECADRON) tablet 12 mg

Dose: 12 mg Route: oral once for 1 dose
Start: S

Chemotherapy

ifosfamide (IFEX) 2,000 mg/m2 in sodium

chloride 0.9 % 500 mL chemo IVPB

Dose: 2,000 mg/m2

Route: intravenous

once over 2 Hours for 1 dose

Offset: 30 Minutes

Ingredients:**Name****Type****Dose****Selected****Adds Vol.**IFOSFAMIDE 1
GRAM

Medications

2,000
mg/m2Main
Ingredient

Yes

INTRAVENOUS
SOLUTIONSODIUM
CHLORIDE 0.9 %

QS Base

500 mL

Yes

Yes

INTRAVENOUS
SOLUTIONDEXTROSE 5 % IN
WATER (D5W)

QS Base

500 mL

No

Yes

INTRAVENOUS
SOLUTION**Chemotherapy****mesna (MESNEX) 1,250 mg/m2, sodium
bicarbonate 200 mEq, sodium chloride 77 mEq,
potassium chloride 40 mEq in sterile water
2,000 mL IVPB**

Dose: 1,250 mg/m2

Route: intravenous

once over 24 Hours for 1 dose

Offset: 2.5 Hours

Instructions:Sodium chloride 77 mEq + Sterile water =
0.225% NaCl solution (2000 mL).**Ingredients:****Name****Type****Dose****Selected****Adds Vol.**MESNA 100 MG/ML
INTRAVENOUS

Medications

1,250
mg/m2Main
Ingredient

Yes

SOLUTION

SODIUM
CHLORIDE 0.9 %

QS Base

No

Yes

INTRAVENOUS
SOLUTIONDEXTROSE 5 % IN
WATER (D5W)

QS Base

No

Yes

INTRAVENOUS
SOLUTIONSODIUM
BICARBONATE 1
MEQ/ML (8.4 %)

Additives

100
mEq/L

Yes

Yes

INTRAVENOUS
SOLUTIONSODIUM
CHLORIDE 4
MEQ/ML

Additives

38.5
mEq/L

Yes

Yes

INTRAVENOUS
SOLUTIONPOTASSIUM
CHLORIDE 2
MEQ/ML

Additives

20 mEq/L

Yes

Yes

INTRAVENOUS
SOLUTIONWATER FOR
INJECTION,
STERILE

QS Base

1,760.75
mL

Yes

Yes

INTRAVENOUS
SOLUTION