

IP CYTARABINE / IDARUBICIN (7+3)

Types: ONCOLOGY TREATMENT

Synonyms: CYTOSAR, INDUCTION, ARAC, ARA, IDAMYCIN, IDARUBICIN, AML, CYTARABINE, INDUCT, 7+3, 7, 3, ARA-C

Cycle 1	Repeat 1 time	Cycle length: 7 days
Day 1	Perform every 1 day x1	
Labs		
☒ CBC WITH PLATELET AND DIFFERENTIAL	Interval: Once	Occurrences: --
☒ COMPREHENSIVE METABOLIC PANEL	Interval: Once	Occurrences: --
☒ MAGNESIUM LEVEL	Interval: Once	Occurrences: --
☐ LDH	Interval: Once	Occurrences: --
☐ URIC ACID LEVEL	Interval: Once	Occurrences: --
Provider Communication		
ONC PROVIDER COMMUNICATION 5	Interval: Once	Occurrences: --
Comments:	Use baseline weight to calculate dose. Adjust dose for weight gains/losses of greater than or equal to 10%.	
Provider Communication		
ONC PROVIDER COMMUNICATION	Interval: Until discontinued	Occurrences: --
Comments:	Verify Ejection Fraction prior to Cycle 1. Ejection Fraction: ***% on *** (date). If patient has not had a recent MUGA or ECHO, order one via order entry. A baseline cardiac evaluation with a MUGA scan or an ECHO is recommended, especially in patients with risk factors for increased cardiac toxicity. Repeated MUGA or ECHO determinations of LVEF should be performed, particularly with higher, cumulative anthracycline doses.	
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.	
Hydration		
sodium chloride 0.9 % infusion		

Dose: 100 mL/hr Route: intravenous continuous
Start: S

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

- ☐ **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 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

- IDarubicin (IDAmycin) 12 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB**

Dose: 12 mg/m2 Route: intravenous once over 15 Minutes for 1 dose
Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	IDARUBICIN 1 MG/ML INTRAVENOUS SOLUTION	Medications	12 mg/m2	Main Ingredient	Yes

SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	50 mL	Yes	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base		No	Yes

Chemotherapy

cytarabine PF (CYSTOSAR) 100 mg/m2 in dextrose 5% 1,000 mL chemo IVPB

Dose: 100 mg/m2 Route: intravenous once over 24 Hours for 1 dose
Offset: 60 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	CYTARABINE (PF) 100 MG/5 ML (20 MG/ML) INJECTION SOLUTION	Medications	100 mg/m2	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base		No	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	QS Base	1,000 mL	Yes	Yes

Provider Communication

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Interval: Until Occurrences: --
discontinued
Comments: Hydration and allopurinol to be ordered in chart as clinically indicated.

Supportive Care

allopurinol (ZYLOPRIM) tablet 300 mg

Dose: 300 mg Route: oral daily for 7 doses
Start: S
Instructions:
Dosing: reduce dose to 100 mg if Acute Renal
Failure.

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.

Days 2,3

Perform every 1 day x2

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

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

- ☐ **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
INTRAVENOUS
EMULSION

Medications

130 mg

Main

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

- cytarabine PF (CYSTOSAR) 100 mg/m2 in dextrose 5% 1,000 mL chemo IVPB**

Dose: 100 mg/m2

Route: intravenous

once over 24 Hours for 1 dose

Offset: 60 Minutes

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

CYTARABINE (PF)
100 MG/5 ML (20
MG/ML) INJECTION
SOLUTION

Medications

100
mg/m2

Main

Yes

SODIUM
CHLORIDE 0.9 %
INTRAVENOUS

QS Base

No

Yes

SOLUTION					
DEXTROSE 5 % IN	QS Base	1,000 mL	Yes	Yes	
WATER (D5W)					
INTRAVENOUS					
SOLUTION					

Chemotherapy

IDarubicin (IDAmycin) 12 mg/m2 in sodium chloride 0.9 % 50 mL chemo IVPB

Dose: 12 mg/m2	Route: intravenous	once over 15 Minutes for 1 dose
		Offset: 30 Minutes

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	IDARUBICIN 1 MG/ML	Medications	12 mg/m2	Main Ingredient	Yes
	INTRAVENOUS SOLUTION				
	SODIUM CHLORIDE 0.9 %	QS Base	50 mL	Yes	Yes
	INTRAVENOUS SOLUTION				
	DEXTROSE 5 % IN	QS Base		No	Yes
	WATER (D5W)				
	INTRAVENOUS SOLUTION				

Days 4,5,6,7

Perform every 1 day x4

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 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	Medications	16 mg	Yes	No
	SOLUTION				
	DEXAMETHASONE 4 MG/ML INJECTION	Medications	12 mg	No	No
	SOLUTION				
	SODIUM CHLORIDE 0.9 %	Base	50 mL	Always	Yes
	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	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

Medications

130 mg

Main

Yes

INTRAVENOUS EMULSION

DEXTROSE 5 % IN WATER (D5W) IV

Base

130 mL

Yes

Yes

SOLP (EXCEL; NON-PVC)

SODIUM CHLORIDE 0.9 % IV

Base

130 mL

No

Yes

SOLP (EXCEL;NON-PVC)

Chemotherapy

cytarabine PF (CYSTOSAR) 100 mg/m2 in dextrose 5% 1,000 mL chemo IVPB

Dose: 100 mg/m2

Route: intravenous

once over 24 Hours for 1 dose

Offset: 60 Minutes

Ingredients:

Name

Type

Dose

Selected

Adds Vol.

CYTARABINE (PF) 100 MG/5 ML (20 MG/ML) INJECTION

Medications

100 mg/m2

Main

Yes

SOLUTION

SODIUM CHLORIDE 0.9 % INTRAVENOUS

QS Base

No

Yes

SOLUTION

DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS

QS Base

1,000 mL

Yes

Yes

SOLUTION