

## IP VYXEOS INDUCTION

Types: ONCOLOGY TREATMENT  
Synonyms: DAUNORUBICIN CYTARABINE LIPOSOMAL

Cycle 1	Repeat 1 time	Cycle length: 28 days
<b>Day 1</b>		Perform every 1 day x1
Provider Communication	<b>ONC PROVIDER COMMUNICATION</b> Interval: Until discontinued      Occurrences: -- Comments:      Use baseline weight to calculate dose. Adjust dose for weight gains OR losses of greater than or equal to 10%.	
Labs	<b>CBC WITH PLATELET AND DIFFERENTIAL</b> Interval: Once      Occurrences: -- <b>COMPREHENSIVE METABOLIC PANEL</b> Interval: Once      Occurrences: --	
Labs	<b>MAGNESIUM LEVEL</b> Interval: --      Occurrences: --	
Line Flush	<b>sodium chloride 0.9 % flush 20 mL</b> Dose: 20 mL      Route: intravenous      PRN Start: S	
Nursing Orders	<b>sodium chloride 0.9 % infusion 250 mL</b> Dose: 250 mL      Route: intravenous      once @ 30 mL/hr for 1 dose Start: S Instructions: To keep vein open.	
Pre-Medications	<b>acetaminophen (TYLENOL) tablet 500 mg</b> Dose: 500 mg      Route: oral      once for 1 dose Start: S <b>diphenhydramine (BENADRYL) tablet 25 mg</b> Dose: 25 mg      Route: oral      once for 1 dose Start: S <b>famotidine (PEPCID) injection 20 mg</b> Dose: 20 mg      Route: intravenous      once for 1 dose Start: S Instructions: Dilute with 10 mL of 0.9% sodium chloride injection and give IV push over at least 2 minutes <b>hydrocortisone sodium succinate (Solu-CORTEF) injection 50 mg</b> Dose: 50 mg      Route: intravenous      once for 1 dose Start: S <b>ondansetron (ZOFRAN) 16 mg, dexamethasone (DECADRON) 6 mg in sodium chloride 0.9% 50 mL IVPB</b> 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	6 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

Provider Communication

**ONC PROVIDER COMMUNICATION 2**

Interval: Until discontinued

Occurrences: --

Comments:

Please administer Vyxeos on days 1, 3, and 5. Patient will not receive any chemotherapy on rest days 2 and 4.

Chemotherapy

**DAUNORubicin-cytarabine liposome (VYXEOS)**

**44 mg/m2 in sodium chloride 0.9% 500 mL**

**chemo IVPB**

Dose: 44 mg/m2

Route: intravenous

once over 120 Minutes for 1 dose

Offset: 30 Minutes

Instructions:

Dose is based on mg of daunorubicin.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DAUNORUBICIN-C YTARABINE LIPOSOME FOR INJECTION	Medications	44 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

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**

Day of Rest

Perform every 1 day x1

**ONC NURSING COMMUNICATION 48**

Interval: Until discontinued  
 Occurrences: --  
 Comments: Rest day for the patient.

**Day 3**

Perform every 1 day x1

## 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

**acetaminophen (TYLENOL) tablet 500 mg**

Dose: 500 mg      Route: oral      once for 1 dose  
 Start: S

**diphenhydramine (BENADRYL) tablet 25 mg**

Dose: 25 mg      Route: oral      once for 1 dose  
 Start: S

**famotidine (PEPCID) injection 20 mg**

Dose: 20 mg      Route: intravenous      once for 1 dose  
 Start: S

Instructions:  
 Dilute with 10 mL of 0.9% sodium chloride injection and give IV push over at least 2 minutes

**hydrocortisone sodium succinate (Solu-CORTEF) injection 50 mg**

Dose: 50 mg      Route: intravenous      once for 1 dose  
 Start: S

**ondansetron (ZOFRAN) 16 mg, dexamethasone (DECADRON) 6 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	6 mg	Yes	No
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

## Nursing Orders

**ONC NURSING COMMUNICATION 2**

Interval: Until discontinued  
 Occurrences: --  
 Comments: Have patient sign name as cerebellar assessment prior to each dose of DAUNOrubicin-Cytarabine Liposomal (Vyxeos).

Chemotherapy

**DAUNOrubicin-cytarabine liposome (VYXEOS)  
44 mg/m2 in sodium chloride 0.9% 500 mL  
chemo IVPB**

Dose: 44 mg/m2      Route: intravenous      once over 120 Minutes for 1 dose  
Offset: 30 Minutes

Instructions:  
Dose is based on mg of daunorubicin.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DAUNORUBICIN-C YTARABINE LIPOSOME FOR INJECTION	Medications	44 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

**Day 4**

Perform every 1 day x1

Day of Rest

**ONC NURSING COMMUNICATION 48**

Interval: Until      Occurrences: --  
discontinued  
Comments:      Rest day for the patient.

**Day 5**

Perform every 1 day x1

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

**acetaminophen (TYLENOL) tablet 500 mg**

Dose: 500 mg      Route: oral      once for 1 dose  
Start: S

**diphenhydrAMINE (BENADRYL) tablet 25 mg**

Dose: 25 mg      Route: oral      once for 1 dose  
Start: S

**famotidine (PEPCID) injection 20 mg**

Dose: 20 mg      Route: intravenous      once for 1 dose  
Start: S  
Instructions:  
Dilute with 10 mL of 0.9% sodium chloride  
injection and give IV push over at least 2  
minutes

**hydrocortisone sodium succinate  
(Solu-CORTEF) injection 50 mg**

Dose: 50 mg      Route: intravenous      once for 1 dose  
Start: S

**ondansetron (ZOFRAN) 16 mg, dexamethasone  
(DECADRON) 6 mg in sodium chloride 0.9% 50  
mL IVPB**

Dose: --      Route: intravenous      once over 15 Minutes for 1 dose  
Start: S

Inareredients:	Name	Type	Dose	Selected	Adds Vol.
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ONDANSETRON HCL (PF) 4 MG/2 ML INJECTION SOLUTION	Medications	16 mg	Yes	No
DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	6 mg	Yes	No
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Always	Yes
DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base		No	Yes

Provider Communication

**ONC PROVIDER COMMUNICATION 23**

Interval: Until discontinued Occurrences: --  
 Comments: Schedule prophylactic antibiotics to start on day 5.

Nursing Orders

**ONC NURSING COMMUNICATION 2**

Interval: Until discontinued Occurrences: --  
 Comments: Have patient sign name as cerebellar assessment prior to each dose of DAUNOrubicin-Cytarabine Liposomal (Vyxeos).

Chemotherapy

**DAUNOrubicin-cytarabine liposome (VYXEOS)**

**44 mg/m2 in sodium chloride 0.9% 500 mL**

**chemo IVPB**

Dose: 44 mg/m2 Route: intravenous once over 120 Minutes for 1 dose  
 Offset: 30 Minutes

Instructions:  
 Dose is based on mg of daunorubicin.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DAUNORUBICIN-CYTARABINE LIPOSOME FOR INJECTION	Medications	44 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