

# IP DARATUMUMAB

Types: ONCOLOGY TREATMENT  
Synonyms: MULT, MYELO, DARA , DAZ, DAYS, DARZ

Cycle 1	Repeat 1 time	Cycle length: 365 days
<b>Day 1</b> Perform every 1 day x1		
Provider Communication		
<b>ONC PROVIDER COMMUNICATION 5</b> Interval: Once Occurrences: -- Comments: Use baseline weight to calculate dose. Adjust dose for weight gains/losses of greater than or equal to 10%.		
Labs		
<input checked="" type="checkbox"/> <b>CBC WITH PLATELET AND DIFFERENTIAL</b> Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> <b>COMPREHENSIVE METABOLIC PANEL</b> Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> <b>MAGNESIUM LEVEL</b> Interval: Once Occurrences: --		
<input type="checkbox"/> <b>LDH</b> Interval: Once Occurrences: --		
<input type="checkbox"/> <b>URIC ACID LEVEL</b> Interval: Once Occurrences: --		
Labs		
<b>TYPE AND SCREEN</b> Interval: Once Occurrences: -- Comments: Draw type and screen BEFORE each infusion.		
Nursing Orders		
<b>ONC NURSING COMMUNICATION 73</b> Interval: Until discontinued Occurrences: -- Comments: Draw type and screen BEFORE each infusion.		
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		
<input checked="" type="radio"/> <b>methyIPREDNISolone sodium succinate (Solu-MEDROL) injection 100 mg</b> Dose: 100 mg Route: intravenous once for 1 dose Start: S		

Instructions:

Administer 30 minutes prior to chemotherapy.

○ **dexamethasone (DECADRON) 40 mg in sodium chloride 0.9 % IVPB**

Dose: 40 mg                      Route: intravenous                      once over 30 Minutes for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	40 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg                      Route: oral                      once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to chemotherapy.

Pre-Medications

**diphenhydramine (BENADRYL) tablet 25 mg**

Dose: 25 mg                      Route: oral                      once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to chemotherapy.

Provider Communication

**ONC PROVIDER COMMUNICATION**

Interval: Once                      Occurrences: --

Comments:                      Please go to Meds & Orders to order: valACYclovir 500 mg po Daily.

Chemotherapy

**daratumumab 16 mg/kg in sodium chloride 0.9 % 1,000 mL IVPB**

Dose: 16 mg/kg                      Route: intravenous                      once @ 50 mL/hr for 1 dose  
Offset: 30 Minutes

Instructions:

First infusion (1,000 mL volume): Infuse at 50 mL/hour for the first hour. If no infusion reactions occur, may increase the rate by 50 mL/hour every hour (maximum rate: 200 mL/hour).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DARATUMUMAB 20 MG/ML INTRAVENOUS SOLUTION	Medications	16 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base		Yes	Yes

**ONC NURSING COMMUNICATION 82**

Interval: Until discontinued  
Comments:

Occurrences: --

- Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)
1. Stop the infusion.
  2. Place the patient on continuous monitoring.
  3. Obtain vital signs.
  4. Administer Normal Saline at 50 mL per hour using a new bag and new intravenous tubing.
  5. If greater than or equal to 30 minutes since the last dose of Diphenhydramine, administer Diphenhydramine 25 mg intravenous once.
  6. If less than 30 minutes since the last dose of Diphenhydramine, administer Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
  7. Notify the treating physician.
  8. If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe).
  9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**ONC NURSING COMMUNICATION 83**

Interval: Until discontinued  
Comments:

Occurrences: --

- Grade 2 – MODERATE Symptoms (cardiovascular, respiratory, or gastrointestinal symptoms – shortness of breath, wheezing, nausea, vomiting, dizziness, diaphoresis, throat or chest tightness, abdominal or back pain)
1. Stop the infusion.
  2. Notify the CERT team and treating physician immediately.
  3. Place the patient on continuous monitoring.
  4. Obtain vital signs.
  5. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O<sub>2</sub> saturation of greater than or equal to 92%.
  6. Administer Normal Saline at 150 mL per hour using a new bag and new intravenous tubing.
  7. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous), Fexofenadine 180 mg orally and Famotidine 20 mg intravenous once.
  8. If no improvement after 15 minutes, advance level of care to Grade 3 (Severe).
  9. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**ONC NURSING COMMUNICATION 4**

Interval: Until discontinued  
Comments:

Occurrences: --

- Grade 3 – SEVERE Symptoms (hypoxia, hypotension, or neurologic compromise – cyanosis or O<sub>2</sub> saturation less than 92%, hypotension with systolic blood pressure less than 90 mmHg, confusion, collapse, loss of consciousness, or incontinence)
1. Stop the infusion.
  2. Notify the CERT team and treating physician immediately.
  3. Place the patient on continuous monitoring.
  4. Obtain vital signs.
  5. If heart rate is less than 50 or greater than 120, or blood pressure is less than 90/50 mmHg, place patient in reclined or flattened position.
  6. Administer Oxygen at 2 L per minute via nasal cannula. Titrate to maintain O<sub>2</sub> saturation of greater than or equal to 92%.

7. Administer Normal Saline at 1000 mL intravenous bolus using a new bag and new intravenous tubing.
8. Administer Hydrocortisone 100 mg intravenous (if patient has allergy to Hydrocortisone, please administer Dexamethasone 4 mg intravenous) and Famotidine 20 mg intravenous once.
9. Administer Epinephrine (1:1000) 0.3 mg subcutaneous.
10. Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

**diphenhydramine (BENADRYL) injection 25 mg**

Dose: 25 mg                      Route: intravenous                      PRN  
Start: S

**fexofenadine (ALLEGRA) tablet 180 mg**

Dose: 180 mg                      Route: oral                      PRN  
Start: S

**famotidine (PEPCID) 20 mg/2 mL injection 20 mg**

Dose: 20 mg                      Route: intravenous                      PRN  
Start: S

**hydrocortisone sodium succinate (Solu-CORTEF) injection 100 mg**

Dose: 100 mg                      Route: intravenous                      PRN

**dexamethasone (DECADRON) injection 4 mg**

Dose: 4 mg                      Route: intravenous                      PRN  
Start: S

**epINEPHrine (ADRENALIN) 1 mg/10 mL ADULT injection syringe 0.3 mg**

Dose: 0.3 mg                      Route: subcutaneous                      PRN  
Start: S

**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 8,15,22,29,36,43,50**

Perform every 7 days x7

**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: --

Labs

**TYPE AND SCREEN**

Interval: Once Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

Nursing Orders

**ONC NURSING COMMUNICATION 73**

Interval: Until discontinued Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

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

**methyIPREDNISolone sodium succinate (Solu-MEDROL) injection 100 mg**

Dose: 100 mg Route: intravenous once for 1 dose  
Start: S  
Instructions: Administer 30 minutes prior to chemotherapy.

**dexamethasone (DECADRON) 40 mg in sodium chloride 0.9 % IVPB**

Dose: 40 mg Route: intravenous once over 30 Minutes for 1 dose  
Start: S  
Instructions: Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	40 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg Route: oral once for 1 dose  
Start: S  
Instructions: Administer 30 minutes prior to chemotherapy.

Pre-Medications

**diphenhydrAMINE (BENADRYL) tablet 25 mg**

Dose: 25 mg Route: oral once for 1 dose  
Start: S  
Instructions: Administer 30 minutes prior to chemotherapy.

Provider Communication

**ONC PROVIDER COMMUNICATION**

Interval: Once Occurrences: --  
Comments: Please go to Meds & Orders to order: valACYclovir 500 mg po Daily.

Chemotherapy

**daratumumab 16 mg/kg in sodium chloride 0.9 % 1,000 mL IVPB**

Dose: 16 mg/kg Route: intravenous once @ 50 mL/hr for 1 dose  
Offset: 30 Minutes

Instructions:

First infusion (1,000 mL volume): Infuse at 50 mL/hour for the first hour. If no infusion reactions occur, may increase the rate by 50 mL/hour every hour (maximum rate: 200 mL/hour).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DARATUMUMAB 20 MG/ML INTRAVENOUS SOLUTION	Medications	16 mg/kg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base		Yes	Yes

Days 57,71,85,99,113,127,141,155

Perform every 14 days x8

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: --

Labs

**TYPE AND SCREEN**

Interval: Once Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

Nursing Orders

**ONC NURSING COMMUNICATION 73**

Interval: Until discontinued Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

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

⊙ **methyIPREDNISolone sodium succinate (Solu-MEDROL) injection 100 mg**

Dose: 100 mg                      Route: intravenous                      once for 1 dose  
 Start: S  
 Instructions:  
 Administer 30 minutes prior to chemotherapy.

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Dose: 40 mg                      Route: intravenous                      once over 30 Minutes for 1 dose  
 Start: S  
 Instructions:  
 Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	40 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) INTRAVENOUS SOLUTION	Base	50 mL	No	Yes

Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg                      Route: oral                      once for 1 dose  
 Start: S  
 Instructions:  
 Administer 30 minutes prior to chemotherapy.

Pre-Medications

**diphenhydramine (BENADRYL) tablet 25 mg**

Dose: 25 mg                      Route: oral                      once for 1 dose  
 Start: S  
 Instructions:  
 Administer 30 minutes prior to chemotherapy.

Provider Communication

**ONC PROVIDER COMMUNICATION**

Interval: Once                      Occurrences: --  
 Comments:                      Please go to Meds & Orders to order: valACYclovir 500 mg po Daily.

Chemotherapy

**daratumumab 16 mg/kg in sodium chloride 0.9 % 1,000 mL IVPB**

Dose: 16 mg/kg                      Route: intravenous                      once @ 50 mL/hr for 1 dose  
 Offset: 30 Minutes

Instructions:  
 First infusion (1,000 mL volume): Infuse at 50 mL/hour for the first hour. If no infusion reactions occur, may increase the rate by 50 mL/hour every hour (maximum rate: 200 mL/hour).

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DARATUMUMAB 20 MG/ML INTRAVENOUS SOLUTION	Medications	16 mg/kg	Main Ingredient	Yes
	SODIUM	QS Base		Yes	Yes

CHLORIDE 0.9 %  
INTRAVENOUS  
SOLUTION

Days 169,197,225,253,281,309,337,365

Perform every 28 days x8

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: --

Labs

**TYPE AND SCREEN**

Interval: Once Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

Nursing Orders

**ONC NURSING COMMUNICATION 73**

Interval: Until discontinued Occurrences: --  
Comments: Draw type and screen BEFORE each infusion.

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

**methyIPREDNISolone sodium succinate (Solu-MEDROL) injection 100 mg**

Dose: 100 mg Route: intravenous once for 1 dose  
Start: S  
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**dexamethasone (DECADRON) 40 mg in sodium chloride 0.9 % IVPB**

Dose: 40 mg Route: intravenous once over 30 Minutes for 1 dose  
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Instructions: Administer 30 minutes prior to chemotherapy.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DEXAMETHASONE 4 MG/ML INJECTION SOLUTION	Medications	40 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	Base	50 mL	Yes	Yes



DEXTROSE 5 % IN Base 50 mL No Yes  
 WATER (D5W)  
 INTRAVENOUS  
 SOLUTION

Pre-Medications

**acetaminophen (TYLENOL) tablet 650 mg**

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to chemotherapy.

Pre-Medications

**diphenhydramine (BENADRYL) tablet 25 mg**

Dose: 25 mg Route: oral once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to chemotherapy.

Provider Communication

**ONC PROVIDER COMMUNICATION**

Interval: Once Occurrences: --

Comments: Please go to Meds & Orders to order: valACYclovir 500 mg po Daily.

Chemotherapy

**daratumumab 16 mg/kg in sodium chloride 0.9**

**% 1,000 mL IVPB**

Dose: 16 mg/kg Route: intravenous once @ 50 mL/hr for 1 dose

Offset: 30 Minutes

Instructions:

First infusion (1,000 mL volume): Infuse at 50 mL/hour for the first hour. If no infusion reactions occur, may increase the rate by 50 mL/hour every hour (maximum rate: 200 mL/hour).

**Ingredients:**

Name	Type	Dose	Selected	Adds Vol.
DARATUMUMAB 20 MG/ML INTRAVENOUS SOLUTION	Medications	16 mg/kg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base		Yes	Yes