

IP RAMUCIRUMAB / DOCETAXEL (EVERY 21 DAYS)

Types: ONCOLOGY TREATMENT

Synonyms: DOCE, DOCETAXEL, TAXOTERE, TAX, TAXO, RAMU, CYRAMZA, NSCLC, NON SQUAMOUS CELL LUNG CANCER, PSY, CYR, SIGH

Cycle 1	Repeat 1 time	Cycle length: 21 days
Day 1 Perform every 1 day x1		
Nursing Orders		
TREATMENT CONDITIONS Interval: Until discontinued Occurrences: -- Comments: Do NOT administer within 28 days of surgery/procedure and until the surgical wound is fully healed or within 14 days of port placement.		
Labs		
<input checked="" type="checkbox"/> URINALYSIS, AUTOMATED WITH MICROSCOPY Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> CBC WITH PLATELET AND DIFFERENTIAL Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> COMPREHENSIVE METABOLIC PANEL Interval: Once Occurrences: --		
<input checked="" type="checkbox"/> MAGNESIUM LEVEL Interval: Once Occurrences: --		
Nursing Orders		
TREATMENT CONDITIONS 5 Interval: Until discontinued Occurrences: -- Comments: HOLD and notify provider if PROTEIN 2+ is detected in Urine.		
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		
<input checked="" type="checkbox"/> diphenhydrAMINE (BENADRYL) injection 25 mg Dose: 25 mg Route: intravenous once for 1 dose Start: S		

Instructions:
Administer via slow IV push 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) 50 mg in sodium chloride 0.9 % 50 mL IVPB

Dose: 50 mg Route: intravenous once over 15 Minutes for 1 dose
Start: S End: S 11:45 AM

Instructions:
Administer 30 minutes prior to chemotherapy.

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

diphenhydrAMINE (BENADRYL) tablet 25 mg

Dose: 25 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:
Administer 30 minutes prior to chemotherapy.

diphenhydrAMINE (BENADRYL) tablet 50 mg

Dose: 50 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:
Administer 30 minutes prior to chemotherapy.

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

Dose: 20 mg Route: intravenous once for 1 dose
Offset: 0 Hours

Instructions:
Administer 30 minutes prior to chemotherapy.

famotidine (PEPCID) tablet 20 mg

Dose: 20 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:
Administer 30 minutes prior to chemotherapy.

acetaminophen (TYLENOL) tablet 650 mg

Dose: 650 mg Route: oral once for 1 dose
Offset: 0 Hours

Instructions:
Administer 30 minutes prior to chemotherapy.

Pre-Medications

ondansetron (ZOFTRAN) 16 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 End: S 11:30 AM

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	ONDANSETRON HCL (PF) 4 MG/2	Medications	16 mg	Yes	No

ML INJECTION SOLUTION
 DEXAMETHASONE Medications 20 mg Yes No
 4 MG/ML INJECTION SOLUTION
 SODIUM Base 50 mL Always Yes
 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 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 Ingredient	Yes
	INTRAVENOUS EMULSION 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

ramucirumab (CYRAMZA) 10 mg/kg in sodium chloride 0.9 % 250 mL IVPB

Dose: 10 mg/kg Route: intravenous once over 60 Minutes for 1 dose
 Offset: 30 Minutes

Instructions:
 Use of a 0.22 micron protein sparing filter is recommended.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	RAMUCIRUMAB 10 MG/ML	Medications	10 mg/kg	Main Ingredient	Yes
	INTRAVENOUS SOLUTION SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	250 mL	Yes	Yes

DOCEtaxel (TAXOTERE) 75 mg/m2 in sodium chloride (NON-PVC) 0.9 % 250 mL chemo IVPB

Dose: 75 mg/m2 Route: intravenous once over 60 Minutes for 1 dose
 Offset: 90 Minutes

Instructions:

Administer through non-DEHP tubing; Use within 4 hours of preparation; Protect from light.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	DOCETAXEL 80 MG/4 ML (20 MG/ML) INTRAVENOUS SOLUTION	Medications	75 mg/m ²	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % IV SOLP (EXCEL;NON-PVC)	QS Base	250 mL	Yes	Yes
	DEXTROSE 5 % IN WATER (D5W) IV SOLP (EXCEL; NON-PVC)	QS Base	250 mL	No	Yes

Hematology & Oncology Hypersensitivity Reaction Standing Order

ONC NURSING COMMUNICATION 82

Interval: Until discontinued

Occurrences: --

Comments:

- 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

Occurrences: --

Comments:

- 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 O₂ 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

Occurrences: --

Comments:

Grade 3 – SEVERE Symptoms (hypoxia, hypotension, or neurologic compromise – cyanosis or O₂ 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 O₂ 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.