

INTRAVENOUS
SOLUTION

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.

Day 8

Perform every 0 days 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: --

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 650 mg

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to ofatumumab.

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 ofatumumab.

hydrocortisone sodium succinate (Solu-CORTEF) injection 200 mg

Dose: 200 mg Route: intravenous once for 1 dose

Start: S

Instructions:

Administer via slow IV push 30 minutes prior to ofatumumab.

Chemotherapy

ofatumumab (ARZERRA) 2,000 mg in sodium chloride 0.9 % 1,000 mL IVPB

Dose: 2,000 mg Route: intravenous once for 1 dose
Offset: 30 Minutes

Instructions:

Infuse per manufacturer recommended infusion instructions. Protect from light.

Do not administer until at least 1 hour after pre-medications.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	OFATUMUMAB 100 MG/5 ML INTRAVENOUS SOLUTION	Medications	2,000 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	900 mL	Yes	Yes

Day 15

Perform every 0 days 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: --

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 650 mg

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to ofatumumab.

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 ofatumumab.

hydrocortisone sodium succinate (Solu-CORTEF) injection 200 mg

Dose: 200 mg Route: intravenous once for 1 dose

Start: S

Instructions:

Administer via slow IV push 30 minutes prior to ofatumumab.

Chemotherapy

ofatumumab (ARZERRA) 2,000 mg in sodium chloride 0.9 % 1,000 mL IVPB

Dose: 2,000 mg Route: intravenous once for 1 dose
Offset: 30 Minutes

Instructions:

Infuse per manufacturer recommended infusion instructions. Protect from light.

Do not administer until at least 1 hour after pre-medications.

Ingredients:	Name	Type	Dose	Selected	Adds Vol.
	OFATUMUMAB 100 MG/5 ML INTRAVENOUS SOLUTION	Medications	2,000 mg	Main Ingredient	Yes
	SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	900 mL	Yes	Yes

Days 22,29,36,43,50

Perform every 7 days x5

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: --

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 650 mg

Dose: 650 mg Route: oral once for 1 dose

Start: S

Instructions:

Administer 30 minutes prior to ofatumumab.

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 ofatumumab.

hydrocortisone sodium succinate (Solu-CORTEF) injection 200 mg

Dose: 200 mg Route: intravenous once for 1 dose

Start: S

Instructions:

Administer via slow IV push 30 minutes prior to ofatumumab.

Chemotherapy

ofatumumab (ARZERRA) 2,000 mg in sodium chloride 0.9 % 1,000 mL IVPB

Dose: 2,000 mg Route: intravenous once for 1 dose
Offset: 30 Minutes

Instructions:

Infuse per manufacturer recommended infusion instructions. Protect from light.

Do not administer until at least 1 hour after pre-medications.

Ingredients:

Name	Type	Dose	Selected	Adds Vol.
OFATUMUMAB 100 MG/5 ML INTRAVENOUS SOLUTION	Medications	2,000 mg	Main Ingredient	Yes
SODIUM CHLORIDE 0.9 % INTRAVENOUS SOLUTION	QS Base	900 mL	Yes	Yes

