

# Hematology & Oncology Hypersensitivity Reaction Standing Order [2903]

## General

### Grade 1 – MILD Symptoms

Cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose

[X] Stop infusion	Routine, Until discontinued, Starting S For Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only - itching, flushing, periorbital edema, rash, or runny nose):  Stop infusion
[X] Place patient on continuous monitoring	Routine, Until discontinued, Starting S For Grade 1 – MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose):  Place patient on continuous monitoring
[X] Vital signs - T/P/R/BP	Routine, Once For 1 Occurrences For Grade 1 – MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)
[X] sodium chloride 0.9 % infusion - For Grade 1 Mild Symptoms	50 mL/hr, intravenous, continuous For Grade 1 Mild Symptoms - Administer normal saline at 50 mL/hr using a new bag and new intravenous tubing.
[X] diphenhydramine (BENADRYL) injection - For Grade 1 Mild Symptoms	25 mg, intravenous, once PRN, For Grade 1 Mild Symptoms If GREATER than or EQUAL to 30 minutes since the last dose of diphenhydramine (BENADRYL), administer diphenhydramine 25 mg once for Grade 1 Mild Symptoms.
[X] fexofenadine (ALLEGRA) tablet - For Grade 1 Mild Symptoms	180 mg, oral, once PRN, allergies, For Grade 1 Mild Symptoms If LESS than 30 minutes since the last dose of diphenhydramine (BENADRYL), administer fexofenadine (ALLEGRA) 180 mg orally and famotidine (PEPCID) 20 mg IV once. For Grade 1 Mild Symptoms
[X] famotidine (PEPCID) injection - For Grade 1 Mild Symptoms	20 mg, intravenous, once PRN, For Grade 1 Mild Symptoms If LESS than 30 minutes since the last dose of diphenhydramine (BENADRYL), administer fexofenadine (ALLEGRA) 180 mg orally and famotidine (PEPCID) 20 mg IV once. For Grade 1 Mild Symptoms
[X] Notify Physician (Specify)	Routine, Once For 1 Occurrences, For Grade 1 – MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)
[X] If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe)	Routine, Once For 1 Occurrences For Grade 1 - MILD Symptoms (cutaneous and subcutaneous symptoms only - itching, flushing, periorbital edema, rash, or runny nose)  If no improvement after 15 minutes, advance level of care to Grade 2 (Moderate) or Grade 3 (Severe).

<input checked="" type="checkbox"/> Vital signs - T/P/R/BP	Routine, Every 15 min For Grade 1 – MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)  Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.
<b>Grade 2 – MODERATE Symptoms</b>	
Cardiovascular, respiratory, or gastrointestinal symptoms – shortness of breath, wheezing, nausea, vomiting, dizziness, diaphoresis, throat or chest tightness, abdominal or back pain	
<input checked="" type="checkbox"/> Stop the infusion	Routine, Once For 1 Occurrences For 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):
<input checked="" type="checkbox"/> Notify the CERT team and treating physician immediately.	Stop the infusion Routine, Once For 1 Occurrences For 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):
<input checked="" type="checkbox"/> Place the patient on continuous monitoring	Notify the CERT team and treating physician immediately Routine, Until discontinued, Starting S
For 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):	
<input checked="" type="checkbox"/> Vital signs - T/P/R/BP	Place the patient on continuous monitoring Routine, Once For 1 Occurrences
For 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):	
<input checked="" type="checkbox"/> Oxygen therapy	Routine, Continuous Device: Nasal Cannula Rate in liters per minute: 2 Lpm Rate in tenths of a liter per minute: O2 %: Device 2: Device 3: Titrate to keep O2 Sat Above: 92% Indications for O2 therapy: For 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)
<input checked="" type="checkbox"/> sodium chloride 0.9 % infusion - For Grade 2 Moderate Symptoms	150 mL/hr, intravenous, continuous Administer normal saline at 150 mL/hr using a new bag and new intravenous tubing. For Grade 2 Moderate Symptoms

[X] hydrocortisone sodium succinate (Solu-CORTEF) injection - For Grade 2 Moderate Symptoms	100 mg, intravenous, once PRN, For Grade 2 Moderate Symptoms If Patient has allergy to hydrocortisone (SOLU-CORTEF), administer dexamethasone (DECADRON) 4 mg IV Once. For Grade 2 Moderate Symptoms
[X] dexamethasone (DECADRON) IV - For Grade 2 Moderate Symptoms for Patients Allergic to hydrocortisone	4 mg, intravenous, once PRN, For Grade 2 Moderate Symptoms Administer for Grade 2 Moderate Symptoms for Patients Allergic to hydrocortisone. If patient is allergic to hydrocortisone then administer dexamethasone.
[X] fexofenadine (ALLEGRA) tablet - For Grade 2 Moderate Symptoms	180 mg, oral, once PRN, allergies, For Grade 2 Moderate Symptoms For Grade 2 Moderate Symptoms
[X] famotidine (PEPCID) injection - For Grade 2 Moderate Symptoms	20 mg, intravenous, once PRN, For Grade 2 Moderate Symptoms For Grade 2 Moderate Symptoms
[X] If no improvement after 15 minutes, advance level of care to Grade 3 (Severe).	Routine, Once For 1 Occurrences For 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):  If no improvement after 15 minutes, advance level of care to Grade 3 (Severe)
[X] Vital signs - T/P/R/BP	Routine, Every 15 min For 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):  Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.

### 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

[X] Stop the infusion	Routine, Once For 1 Occurrences For 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):  Stop the infusion
[X] Notify the CERT team and treating physician immediately.	Routine, Once For 1 Occurrences For 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):  Notify the CERT team and treating physician immediately

[X] Place the patient on continuous monitoring	Routine, Until discontinued, Starting S For 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):  Place the patient on continuous monitoring
[X] Vital signs - T/P/R/BP	Routine, Once For 1 Occurrences For 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)
[X] Patient position:	Routine, Once For 1 Occurrences Position: Additional instructions: For 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):  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.
[X] Oxygen therapy	Routine, Continuous Device: Nasal Cannula Rate in liters per minute: 2 Lpm Rate in tenths of a liter per minute: O2 %: Device 2: Device 3: Titrate to keep O2 Sat Above: 92% Indications for O2 therapy: For 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)
[X] sodium chloride 0.9 % bolus - For Grade 3 Severe Symptoms	1,000 mL, intravenous, once PRN, For Grade 3 Severe Symptoms Administer normal saline 1000 mL intravenous bolus using a new bag and new intravenous tubing. For Grade 3 Severe Symptoms
[X] hydrocortisone sodium succinate (Solu-CORTEF) injection - For Grade 3 Severe Symptoms	100 mg, intravenous, once PRN, For Grade 3 Severe Symptoms For Grade 3 Severe Symptoms If Patient has allergy to hydrocortisone (SOLU-CORTEF), please administer dexamethasone (DECADRON) 4 mg IV once.
[X] dexamethasone (DECADRON) IV - For Grade 3 Severe Symptoms	4 mg, intravenous, once PRN, For Grade 3 Severe Symptoms For Grade 3 Severe Symptoms If Patient has allergy to hydrocortisone (SOLU-CORTEF), please administer dexamethasone (DECADRON) 4 mg IV once.
[X] famotidine (PEPCID) injection - For Grade 3 Severe Symptoms	20 mg, intravenous, once PRN, For Grade 3 Severe Symptoms For Grade 3 Severe Symptoms
[X] epINEPHrine (ADRENALIN) 1 mg/1 mL injection - For Grade 3 Severe Symptoms	0.3 mg, intramuscular, once PRN, anaphylaxis, For Grade 3 Severe Symptoms For Grade 3 Severe Symptoms

[X] Vital signs - T/P/R/BP

Routine, Every 15 min  
For 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):

Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.