

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).

<p>[X] Vital signs - T/P/R/BP</p> <p>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</p>	<p>Routine, Every 15 min For Grade 1 – MILD Symptoms (cutaneous and subcutaneous symptoms only – itching, flushing, periorbital edema, rash, or runny nose)</p> <p>Assess vital signs every 15 minutes until resolution of symptoms or otherwise ordered by covering physician.</p>
<p>[X] Stop the infusion</p>	<p>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):</p> <p>Stop the infusion</p>
<p>[X] Notify the CERT team and treating physician immediately.</p>	<p>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):</p> <p>Notify the CERT team and treating physician immediately</p>
<p>[X] Place the patient on continuous monitoring</p>	<p>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):</p> <p>Place the patient on continuous monitoring</p>
<p>[X] Vital signs - T/P/R/BP</p>	<p>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)</p>
<p>[X] Oxygen therapy</p>	<p>Routine, Continuous Device: Nasal Cannula if (answer = Nasal Cannula) Rate in liters per minute: Titrate to keep O2 Sat Above: if (answer = Other (Specify)) Specify titration to keep O2 Sat (%) Above: if (answer = Simple Face Mask) Rate in liters per minute: Titrate to keep O2 Sat Above: if (answer = Other (Specify)) Specify titration to keep O2 Sat (%) Above: if (answer = Non-rebreather mask) Rate in liters per minute: Titrate to keep O2 Sat Above: if (answer = Other (Specify)) Specify titration to keep O2 Sat (%) Above: if (answer = T-piece) Or (answer = Aerosol Mask) Or (answer = Face Tent) Or (answer = Trach Collar) O2 %: if (answer = Other (Specify))</p>

Specify O2 %:
 Titrate to keep O2 Sat Above:
 if (answer = Other (Specify))
 Specify titration to keep O2 Sat (%) Above:
 if (answer = Venturi Mask)
 FiO2:
 if (answer = Other (Specify))
 Specify O2 %:
 Titrate to keep O2 Sat Above:
 if (answer = Other (Specify))
 Specify titration to keep O2 Sat (%) Above:
 if (answer = Other (Specify))
 Specify:
 Titrate to keep O2 Sat Above:
 if (answer = Other (Specify))
 Specify titration to keep O2 Sat (%) Above:
 if (answer = High Flow Nasal Cannula (HFNC))
 Rate in liters per minute:
 if (answer = Heated High Flow Nasal Cannula (Heated HFNC))
 Rate in liters per minute:
 if (answer = Other (Specify))
 Specify Flowrate (Lpm):
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 Rate in liters per minute: 2 Lpm
 Rate in tenths of a liter per minute:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 Device 2:
 if (answer = Nasal Cannula)
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Simple Face Mask)
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = High Flow Nasal Cannula (HFNC))
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 if (answer = Other (Specify))
 Specify lpm:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Non-rebreather mask)
 Rate in liters per minute:
 if (answer = T-piece) Or (answer = Aerosol Mask) Or
 (answer = Face Tent) Or (answer = Trach Collar)
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Venturi Mask)
 FiO2:

if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Other (Specify))
 Specify:
 Device 3:
 if (answer = Nasal Cannula)
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Simple Face Mask)
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = High Flow Nasal Cannula (HFNC))
 Rate in liters per minute:
 Rate in tenths of a liter per minute:
 if (answer = Other (Specify))
 Specify lpm:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Non-rebreather mask)
 Rate in liters per minute:
 if (answer = T-piece) Or (answer = Aerosol Mask) Or
 (answer = Face Tent) Or (answer = Trach Collar)
 O2 %:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Venturi Mask)
 FiO2:
 if (answer = Other (Specify))
 Specify O2 %:
 if (answer = Other (Specify))
 Specify:
 Titrate to keep O2 Sat Above: 92%
 if (answer = Other (Specify))
 Specify titration to keep O2 Sat (%) Above:
 Indications for O2 therapy:
 if (answer = Other)
 Specify:
 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)

[X] 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:
if (answer = elevate extremity)
Extremity:
if (answer = elevate foot of bed)
Elevate (degrees):
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
if (answer = Nasal Cannula)
Rate in liters per minute:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = Simple Face Mask)
Rate in liters per minute:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = Non-rebreather mask)
Rate in liters per minute:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = T-piece) Or (answer = Aerosol Mask) Or (answer = Face Tent) Or (answer = Trach Collar)
O2 %:
if (answer = Other (Specify))
Specify O2 %:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = Venturi Mask)
FiO2:
if (answer = Other (Specify))
Specify O2 %:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = Other (Specify))
Specify:
Titrate to keep O2 Sat Above:
if (answer = Other (Specify))
Specify titration to keep O2 Sat (%) Above:
if (answer = High Flow Nasal Cannula (HFNC))
Rate in liters per minute:
if (answer = Heated High Flow Nasal Cannula (Heated HFNC))
Rate in liters per minute:

if (answer = Other (Specify))
Specify Flowrate (Lpm):
O2 %:
if (answer = Other (Specify))
Specify O2 %:
Rate in liters per minute: 2 Lpm
Rate in tenths of a liter per minute:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
Device 2:
if (answer = Nasal Cannula)
Rate in liters per minute:
Rate in tenths of a liter per minute:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = Simple Face Mask)
Rate in liters per minute:
Rate in tenths of a liter per minute:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = High Flow Nasal Cannula (HFNC))
Rate in liters per minute:
Rate in tenths of a liter per minute:
if (answer = Other (Specify))
Specify lpm:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = Non-rebreather mask)
Rate in liters per minute:
if (answer = T-piece) Or (answer = Aerosol Mask) Or
(answer = Face Tent) Or (answer = Trach Collar)
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = Venturi Mask)
FiO2:
if (answer = Other (Specify))
Specify O2 %:
if (answer = Other (Specify))
Specify:
Device 3:
if (answer = Nasal Cannula)
Rate in liters per minute:
Rate in tenths of a liter per minute:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = Simple Face Mask)
Rate in liters per minute:
Rate in tenths of a liter per minute:
O2 %:
if (answer = Other (Specify))
Specify O2 %:
if (answer = High Flow Nasal Cannula (HFNC))
Rate in liters per minute:
Rate in tenths of a liter per minute:
if (answer = Other (Specify))

	Specify lpm: O2 %: if (answer = Other (Specify)) Specify O2 %: O2 %: if (answer = Other (Specify)) Specify O2 %: if (answer = Non-rebreather mask) Rate in liters per minute: if (answer = T-piece) Or (answer = Aerosol Mask) Or (answer = Face Tent) Or (answer = Trach Collar) O2 %: if (answer = Other (Specify)) Specify O2 %: if (answer = Venturi Mask) FiO2: if (answer = Other (Specify)) Specify O2 %: if (answer = Other (Specify)) Specify: Titrate to keep O2 Sat Above: 92% if (answer = Other (Specify)) Specify titration to keep O2 Sat (%) Above: Indications for O2 therapy: if (answer = Other) Specify: 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.

