



Supportive Clinical Information Medication Infusion Reactions Transfusion Related Adverse Events and Anaphylaxis Initial Treatment

REACTION SYMPTOMS

(For non-severe/non-anaphylactic Transfusion Adverse Event Symptoms, see table below)

	SEVERE/ANAPHYLAXIS	MILD or MODERATE
Systems	Hypotension (see below), bronchospasm or upper airway obstruction OR skin and mucosa symptoms PLUS symptom(s) from at least one of the other systems:	Moderate: Worsening of mild symptoms with no significant change in vitals Mild: Any one of the following symptoms:
Skin and mucosa	<ul style="list-style-type: none"> Generalized hives Pruritis and/or erythema Swollen lips-tongue-uvula Angioedema 	<ul style="list-style-type: none"> Transient flushing, pruritis Rash or hives (covering <30% Body Surface Area) Fever greater than 38° C
Cardiovascular	+/- <ul style="list-style-type: none"> Hypotension: low systolic BP (age-specific) or greater than 30% decrease from baseline: <ul style="list-style-type: none"> 1 month to 1 year: less than 70 mmHg 1 to 10 years: less than 70 mm Hg + [2 x age] 11 to 17 years: less than 90 mm Hg Syncope Reduced level of consciousness Dizziness (interferes with activity) 	<ul style="list-style-type: none"> Low systolic BP (age-specific) or less than 30% decrease from baseline: <ul style="list-style-type: none"> 1 month to 1 year: less than 70 mmHg 1 to 10 years: less than 70 mm Hg + [2 x age] 11 to 17 years: less than 90 mm Hg Dizziness (not interfering with activity)
Respiratory	+/- <ul style="list-style-type: none"> Hypoxia (O₂ sats less than 91%) and/or worsening respiratory status Shortness of breath Wheeze/bronchospasm, cough stridor 	<ul style="list-style-type: none"> Mild dyspnea (shortness of breath with moderate to minimal exertion) Mild chest discomfort
Gastrointestinal	+/- <ul style="list-style-type: none"> Severe crampy abdominal pain Repetitive vomiting Diarrhea 	<ul style="list-style-type: none"> Mild abdominal discomfort

TRANSFUSION Adverse Event Symptoms

NEW onset of ANY of the following during or after the transfusion:			
<ul style="list-style-type: none"> See SEVERE/ANAPHYLAXIS column above OR <table border="0"> <tr> <td> <ul style="list-style-type: none"> Fever Chills / Rigors Hypertension Unexplained anxiety Back / chest / flank pain </td> <td> <ul style="list-style-type: none"> Severe headache Dyspnea / respiratory distress Tea colored urine Bleeding / pain from IV site Nausea / vomiting </td> <td> <ul style="list-style-type: none"> Tachycardia / arrhythmias Generalized flushing Hives / rash Patient states they feel unwell </td> </tr> </table>	<ul style="list-style-type: none"> Fever Chills / Rigors Hypertension Unexplained anxiety Back / chest / flank pain 	<ul style="list-style-type: none"> Severe headache Dyspnea / respiratory distress Tea colored urine Bleeding / pain from IV site Nausea / vomiting 	<ul style="list-style-type: none"> Tachycardia / arrhythmias Generalized flushing Hives / rash Patient states they feel unwell
<ul style="list-style-type: none"> Fever Chills / Rigors Hypertension Unexplained anxiety Back / chest / flank pain 	<ul style="list-style-type: none"> Severe headache Dyspnea / respiratory distress Tea colored urine Bleeding / pain from IV site Nausea / vomiting 	<ul style="list-style-type: none"> Tachycardia / arrhythmias Generalized flushing Hives / rash Patient states they feel unwell 	
Consider BACTERIAL CONTAMINATION if any of the following within 4 hours post transfusion:			
<ul style="list-style-type: none"> Temperature rise 1°C or more, to 38°C or above PLUS any of the following: rigors, hypotension, shock, tachycardia, dyspnea, nausea/vomiting Temperature rise over 39°C and of 1°C or more; with or without other signs or symptoms Fever unresponsive to antipyretics and / or suspicion of sepsis in absence of fever 			