

## EXAMPLES OF TRANSFUSION-RELATED REACTIONS

Noninfectious	Infectious	Immunologic
<p>Transfusion reactions</p> <ul style="list-style-type: none"> <li>• hemolytic</li> <li>• disseminated intravascular coagulation (DIC)</li> <li>• febrile nonhemolytic</li> <li>• anaphylaxis</li> <li>• post-transfusion purpura</li> <li>• acute lung injury</li> <li>• incompatibility reactions from blood typing errors</li> </ul> <p>Embolism</p> <ul style="list-style-type: none"> <li>• air of fat</li> </ul> <p>Hypotension</p> <p>Hypothermia</p> <p>Metabolic disturbances</p> <ul style="list-style-type: none"> <li>• citrate-related anticoagulation (if calcium co-administration not included)</li> <li>• hypocalcemia</li> <li>• hyperkalemia</li> <li>• acidosis</li> <li>• hyperammonemia</li> </ul>	<p>Bacterial</p> <ul style="list-style-type: none"> <li>• Creutzfeldt-Jakob</li> </ul> <p>Viral</p> <ul style="list-style-type: none"> <li>• hepatitis (A,B,C,E,G)</li> <li>• HIV, HTLV I, and II</li> <li>• Epstein-Barr</li> <li>• parovirus</li> <li>• cytomegalovirus</li> </ul> <p>Parasitic</p> <ul style="list-style-type: none"> <li>• malaria</li> <li>• babesiosis</li> <li>• Chagas' disease</li> </ul>	<p>Multisystem organ failure</p> <p>Infections and sepsis</p> <p>T-cell dysfunction</p> <p>Macrophage dysfunction</p> <p>Alloimmunization</p> <p>Graft-versus-host disease (GCHD) (immune compromised patients)</p>