

**The Jane R. Perlman Fellowship Program  
Nurse Practitioner and Physician Assistant Fellowship in Emergency Medicine**

**Topic (Module): Rheumatology/Immunology, Hematology and Oncology  
Length:**

<p>1. Recognize and manage selected rheumatologic conditions, including SLE 2. Recognize and manage selected immunologic conditions, including transplant rejection 3. Discuss implications of management in the ED for immunocompromised patients</p>	<p>IV. Selected rheumatologic/immunologic conditions A. Lupus B. Transplant rejection C. HIV positive disease D. Diagnostic studies     1. Inflammatory markers     2. CBC with differential E. Safety for the immunocompromised patient in the ED</p>	<p>Lecture Discussion Clinical Simulation:</p>		<p>2 hours</p>	
<p>4. Recognize and manage selected hematologic conditions</p>	<p>V. Selected hematologic conditions A. Interpretation of lab studies:     1. CBC, Coag studies B. Transfusion therapy C. Transfusion reaction</p>	<p>Lecture Discussion Clinical Simulation:</p>		<p>1 hour</p>	

	<ul style="list-style-type: none"> <li>D. The “new” anticoagulants               <ul style="list-style-type: none"> <li>1. Reversal of anticoagulation</li> </ul> </li> <li>E. Hemophilia</li> <li>F. Selected RBC disorders</li> </ul>				
5. Recognize and manage selected oncologic conditions	<ul style="list-style-type: none"> <li>VI. Selected oncologic conditions               <ul style="list-style-type: none"> <li>A. Neutropenic fever</li> <li>B. Pain control</li> <li>C. Diagnostic studies/imaging</li> <li>D. Red flags in oncology patients                   <ul style="list-style-type: none"> <li>1. Risk for DVT, PE</li> <li>2. Risk for sepsis</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Discussion</li> <li>Clinical</li> <li>Simulation:</li> </ul>		1 hour	