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## Autoantibodies and associated disorders December 4, 2009

Seetha Monrad M.D. Division of Rheumatology Department of Internal Medicine

## **Learning Objectives**

- 1. Describe what an antinuclear antibody is
- 2. Know the primary autoantibodies associated with lupus, systemic sclerosis, and Sjogren's syndrome
- 3. List the clinical and laboratory features of systemic sclerosis and Sjogren's syndrome
- 4. Describe the management of Raynaud's phenomenon
- 5. Describe what the erythrocyte sedimentation rate is, and its limitations