**October 4 2022**

**AHD Learning Objectives**

**Lecture 1 Small/medium vessel vasculitis - Dr. Smith**

1. Make a table of the small vessel vasculitis types. Know the pathophysiology of each type (immune complex mediated vs. ANCA-associated) and the clinical manifestations of each.

2. Describe the laboratory tests that should be obtained to evaluate for the diagnosis of vasculitis, and in your table specify which serologies are seen in each type of vasculitis.

3. Describe the treatments of each type of vasculitis in your table.

4. Review the clinical manifestations and disease associations of polyarteritis nodosa.

**Reading:** MKSAP Vasculitis

**Podcasts:**

<https://podcasts.apple.com/us/podcast/e77-vasculitis-guidelines-3-ancavasculitis-with-dr/id1331528750?i=1000528273171>

<https://open.spotify.com/episode/5T2sHBaWzbxQoADCmGwEqd?si=VZMIrKJRKmjJ8mAfoRSMA&dl_branch=1>

**Lecture 2 Gout: Dr. Young**

1. Describe the differential diagnosis for acute monoarthritis and create a table for the 4 different types of synovial fluid (normal, non-inflammatory, inflammatory and septic).

2. Describe the synovial fluid characteristics of gout and pseudogout.

3. Describe the treatment options for acute gout.

4. Recognize when to start urate lowering therapy recommended based on the 2020 American College of Rheumatology guidelines.

**Reading:** Mayo Clinic: My Approach to Gout

**Podcasts:** <https://thecurbsiders.com/podcast/112-gout-flares-bathtubs-andfirefighting>

<https://thecurbsiders.com/podcast/113-gout-uric-acid-targets-urate-therapy>

**Lecture 3 Rheumatoid arthritis - Dr Panico**

1. Describe the known genetic risk and environmental risk factors for RA.

2. Describe the clinical symptoms that should make an internist suspect RA.

3. Describe the diagnostic criteria for RA according to the 2010 ACR scoring system.

4. Describe the first line non-biologic DMARD therapies for RA and the first line biologic therapies for RA and the known side effect of each of these drugs.

5. Describe several extra-articular manifestations of RA.

**READING:** MKSAP RA, Mayo Clinic Proceedings “My approach to RA”

Podcasts: <https://thecurbsiders.com/podcast/147-rheumatoid-arthritis>