**AHD Objectives – August 18, 2020**

**Sexually Transmitted Infections**

1. Make a table outlining the USPSTF guidelines for STI screening based on age and increased risk of STI.
2. Make a table and outline the symptoms, diagnostic strategy and treatment for the following STIs:
   1. Chlamydia trachomatis infection – cervicitis, urethritis or proctitis
   2. Neisseria gonorrhoeae infection - cervicitis, urethritis or proctitis and disseminated gonococcal infection
   3. Pelvic inflammatory disease
   4. Epididymitis
   5. Herpes simplex virus
   6. Syphilis – outline based on stage

**Acute Diarrhea and C. diff:**

1. Know the indications for antibiotics for acute diarrhea based on the ACG guidelines.
2. Know the appropriate patient to test for *C. difficile* and the appropriate diagnostic test to order.
3. Know how to individualize the proper antimicrobial treatment and length of therapy for C. diff infection based on the severity of the infection and the number of recurrences.
4. Describe the role of probiotics in the prevention of C. diff infection.

**Tick-Borne Diseases**

1. Know the clinical manifestations, diagnostic testing and treatment of lyme disease by stage of infection.
2. Make a table outlining the vector, geographical setting, clinical manifestations, diagnostic testing, lab manifestations and treatment of the following disease:
   1. Babesiosis
   2. Southern tick-associated rash illness
   3. Human monocyte ehrlichiosis
   4. Granulocytic anaplasmosis
   5. Rocky mountain spotted fever