

March 7, 2017 AHD Objectives

Breast Cancer Screening:

1. Know how to categorize a woman as high risk for breast cancer based on 5-year risk and lifetime risk using the scoring tool: www.cancer.gov/bcrisktool/.
2. Know the benefit of screening for breast cancer including the numbers needed to screen to prevent one breast cancer death for women aged 40-49, 50-59, and 60-69. Describe some of the potential harms of screening for breast cancer.
3. Describe the recommendations for breast cancer screening including age to start and frequency of screening by the USPSTF and the American Cancer Society.
4. Know the recommendations for screening (imaging modality and frequency) for women who are high risk for breast cancer due to genetic mutations or chest wall radiation.

Genetic Counselling:

1. Describe the indications to refer a patient to a genetic counsellor for a hereditary cancer syndrome and what the evaluation entails.
2. Describe the possible financial ramifications to patients, the legal protections regarding the information (and lack thereof), and the possible complex family dynamics that can result from testing.
3. Describe why it is important to test the patient with the inherited cancer, if possible, rather than an unaffected family member.
4. Describe (list) the indications for breast/ovarian cancer syndrome testing.
5. Know the appropriate screening for cancer indicated for patients with BRCA mutations and HNPCC syndrome.

Lymphoid Malignancies:

1. Describe the initial work up for a patient with a suspected diagnosis of lymphoma including the preferred *type of biopsy* of a lymph node to diagnose lymphoma, the tests performed on the lymph node tissue in addition to histopathology, and the blood work that should be sent for evaluation.
2. Describe the three types of lymphoma based on cell lineage immunophenotype and categorize them based on prognostic groups: indolent, aggressive, and highly aggressive. Know the most common types of lymphoma in each of these prognostic groups.
3. Describe the Ann-Arbor staging system for Hodgkin and Non-Hodgkin lymphoma.
4. Make a table to compare and contrast the clinical presentation, diagnostic criteria, staging, and treatment of Hodgkin's lymphoma, Follicular lymphoma and Diffuse B cell lymphoma.
5. Know the long term side effects of ABVD therapy for Hodgkins' lymphoma.