**February 21, 2022 AHD Learning Objectives**

**Melanoma**

1. Describe several environmental and genetic risk factors for melanoma.

2. Describe the 4 main subtypes of invasive cutaneous melanoma.

3. Know the most important prognostic parameters in the evaluation of a primary melanoma

 tumor.

4. Describe the recommended surgical margins based on the thickness of the lesion. Know

 which patient needs a sentinel node biopsy.

5. List the tumor markers associated with melanomas and the targeted treatment that

 corresponds with each.

**Breast cancer**

1. Describe several environmental and genetic risk factors for breast cancer.

2. Describe the clinical features associated with a favorable prognosis for early-stage breast

 cancer.

3. Describe the role of adjuvant endocrine therapy in patients with stage I to III breast cancer.

 Know the side effects of tamoxifen and aromatase inhibitors.

4. Describe the situations in which adjuvant chemotherapy is recommended following surgical

 management of breast cancer.

5. Describe the surveillance recommendations for patients following treatment for breast

 cancer.

**Colon Cancer**

1. Describe several known environmental and genetic risk factors for colon cancer.

2. List common presenting symptoms of colorectal cancer. Describe how might symptoms differ

 based on tumor location.

3. Describe the staging of colorectal cancer and the prognosis of each stage (approximate 5-

 year disease free survival).

4. List the high-risk features of patients with stage II colon cancer that may benefit from

 adjuvant treatment.

5. Describe the recommended surveillance for both rectal and colon CA within the first 5 years

 following therapy.