**November 14, 2023 AHD Learning Objectives**

Aortic Valve Disease:

1. List several causes for aortic stenosis and describe the physical examination findings of aortic stenosis. (mild to severe)
2. Define severe aortic stenosis by valve area and gradient. Describe pseudostenosis and how it is diagnosed.
3. Describe the Class 1 indications for aortic valve replacement in aortic stenosis. What is the indication for TAVR (transcatheter aortic valve replacement) rather than SAVR (surgical aortic valve replacement)?
4. List several causes for acute and chronic aortic regurgitation and describe the physical examination findings and treatment of aortic regurgitation.
5. Describe the Class 1 indications for aortic valve replacement in aortic valve regurgitation.

Acute Heart Failure Management

1. List some common causes of acute decompensated heart failure.
2. Describe the evaluation of a patient’s volume status and perfusion on physical examination.
3. Describe the management of a patient who presents to the hospital in an acute heart failure exacerbation with signs of volume overload and who is adequately perfusing.
4. Describe the patient who presents in cardiogenic shock and the management of this patient.