March 17, 2020 Objectives

Heart Failure:

1. Describe how LV remodeling and RAAS upregulation serve to compensate for HF initially, but ultimately lead to worsening pathology.
2. Describe the classifications and stages of heart failure.
3. Who should be on spironolactone?
4. What advantages and challenges does digoxin offer?
5. What are the indications for biventricular pacers and AICDs in the patient with heart failure?

Aortic Valve Disease:

1. Define AS and severe AS.
2. What are the major causes?
3. How might these patients present clinically?
4. What are the (grade 1) indications for valve replacement surgery?
5. Define AR and severe AR.
6. What are the major causes?
7. How might these patients present clinically?
8. What are the (grade 1) indications for valve replacement surgery?