

Week 4: Conditions of the Cardiovascular System, Part 2 Knowledge Check

(NRNP 6550: Advanced Care of Adults in Acute Settings II)
NRNP-6550-2/NRNP-6550C-2-Adv Pract Care AAC Setting II

QUESTION 1

Which of the following initial diagnostic tests is the BEST for confirmation of the diagnosis of Aortic Stenosis?

- a) Chest Xray
- b) Arterial blood gas
- c) Troponin levels
- d) **Echocardiogram (ECHO)**

QUESTION 2

Which of the following pharmacologic therapies is indicated for Aortic Insufficiency due to Aortic Stenosis?

- a) Beta blocker
- b) Calcium channel blocker
- c) **Nitrate**
- d) ACE Inhibitor

QUESTION 3

Heart Failure (HF) with an Ejection Fraction (EF) of 20% is most likely due to_____.

- a) Mitral valve dysfunction
- b) Aortic valve dysfunction
- c) Diastolic dysfunction
- d) **Systolic dysfunction**

QUESTION 4

A 40-year-old male with no significant past medical history presents with intermittent shortness of breath when walking more than 2 blocks. He denies chest pain, smoking, and drug/alcohol abuse. He is in no acute distress and has normal vital signs and his lungs are clear to auscultation. Of note, he has a systolic murmur that is heard best at the apex and left lower sternal border. The ECG shows left ventricular hypertrophy. Which of the following is the BEST statement to describe further clinical management?

- a) **Order an Echocardiogram**
- b) Start a loop diuretic
- c) Start Aspirin and Plavix