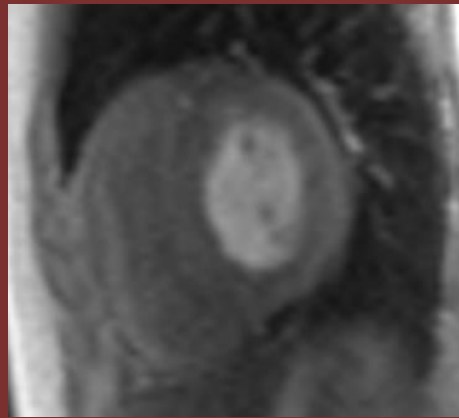


57-year-old female with new dyspnea and
intermittent tightness sensation in her chest



A

Adenosine
Stress Short Axis



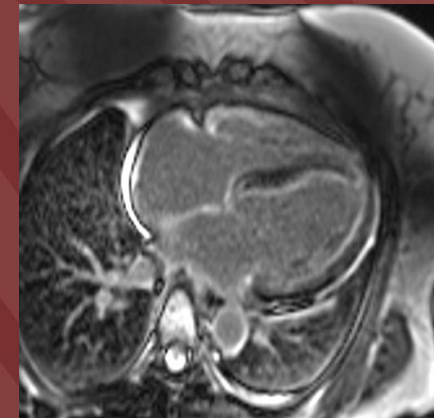
B

Rest Short Axis



C

Post Contrast
Short Axis



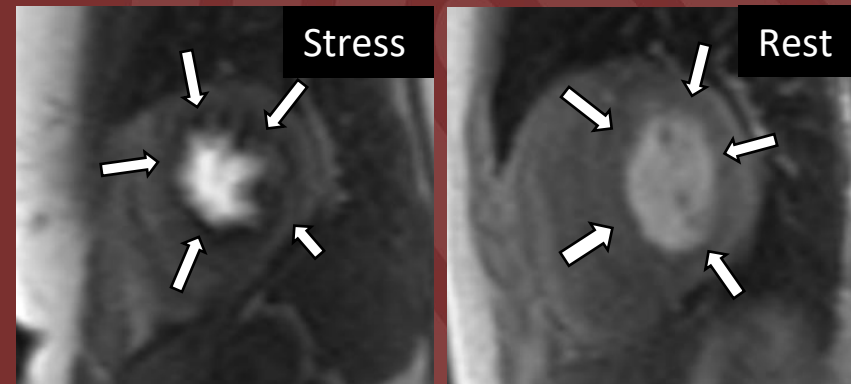
D

Post Contrast
4-chamber View

Cardiac MR Views

Diagnosis: Cardiac amyloidosis

- Cardiac amyloidosis is an infiltrative cardiomyopathy characterized by the progressive deposition of insoluble amyloid protein fibrils in the myocardial extracellular space.
- Cardiac amyloidosis is associated with severe inducible myocardial ischemia.
- The disease has complex histopathology, including systolic and diastolic dysfunction as well as amyloid infiltration of arteries and capillaries, which significantly contributes to myocardial ischemia.
- In our case, CMR adenosine stress myocardial perfusion imaging revealed circular subendocardial perfusion defect with normal rest perfusion, suggesting ischemia.



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