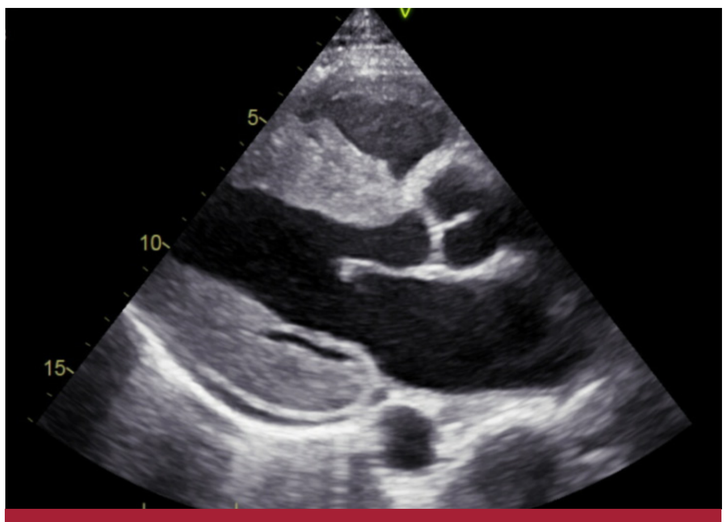
Think Amyloid!

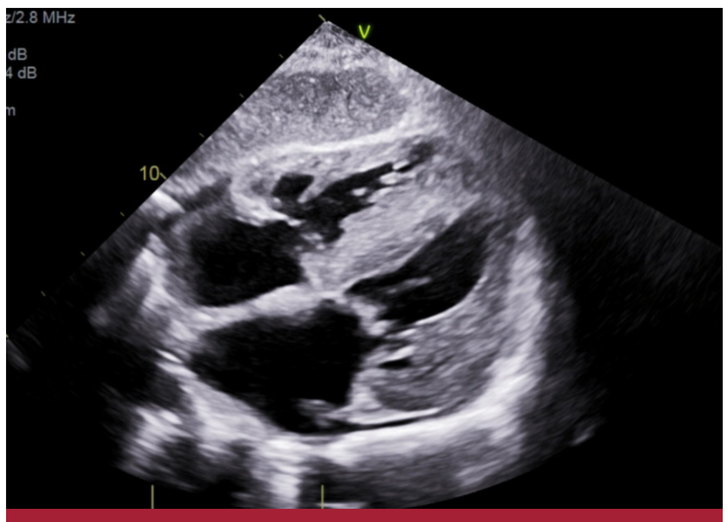
Transthyretin cardiac amyloidosis (ATTR-CA)

A prevalent, but an under-recognized form of progressive, life-threatening infiltrative cardiomyopathy.

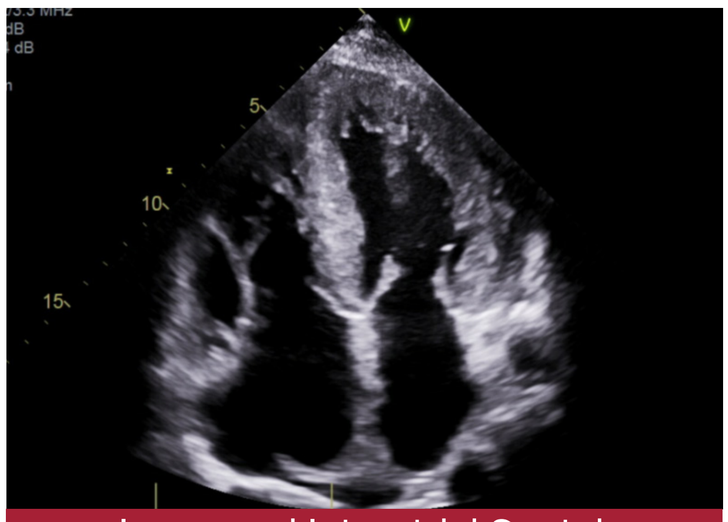
- 4% prevalence of hereditary ATTR-CA in African American populations (V142I mutation).
- Greater than 15% prevalence of wild-type ATTR-CA among the elderly.
- Myocardial infiltration in amyloidosis is suggested by several echocardiographic features.



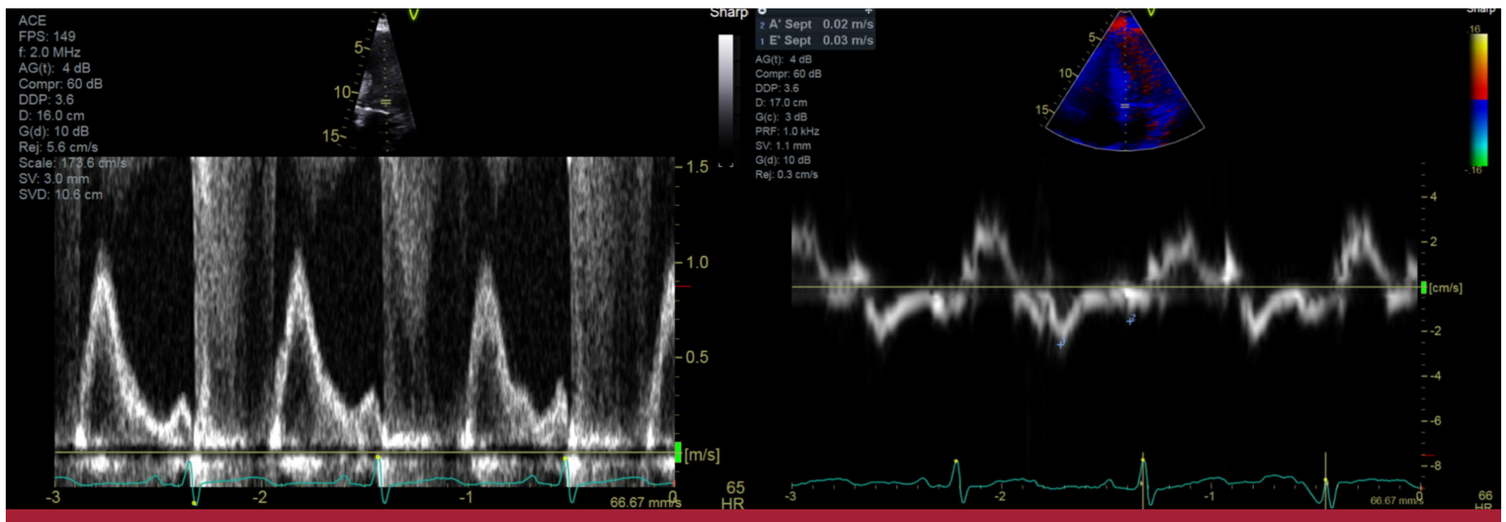
Moderate to Severely Increased Left Ventricular Wall Thickness



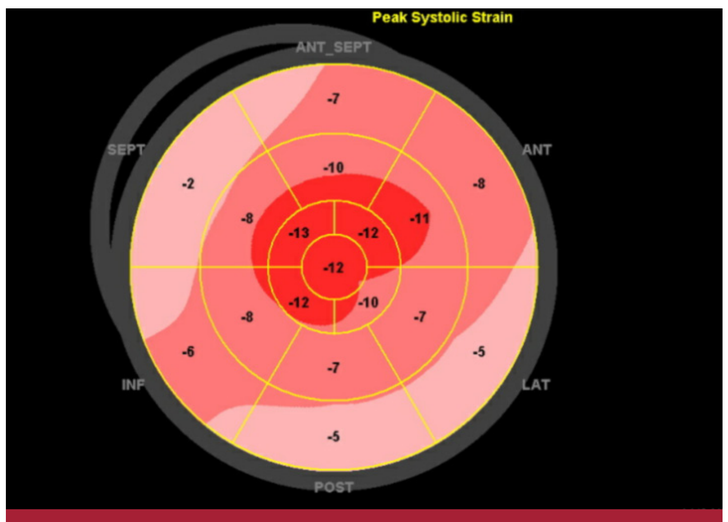
Increased Right Ventricular Wall Thickness



Increased Interatrial Septal Thickness, Thickened Valves and Biatrial Dilatation



Features of Restrictive Left Ventricular Filling



Apical Sparing Pattern on Speckle Tracking Imaging

The echocardiogram report should recommend the performance of:

1. Pyrophosphate (PYP) scan
2. Rule out light chain amyloidosis by:
   a. Serum and urine kappa/lambda light chains
   b. Serum and urine immunofixation electrophoresis

Get More ATTR-CA Resources

Hover over image with your camera

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