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.

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