Transthyretin cardiac amyloidosis (ATTR-CA)

Highly prevalent and underdiagnosed cause of heart failure (HF)

Clinical Red Flags

Demographics
- Age > 60 years
- African American
- Elderly with heart failure

Orthostatic Hypotension or Polyneuropathy
- Lightheadedness or syncope

Lumbar Spinal Stenosis
- Chronic low back pain

Heart Failure
- HFpEF or HFrEF
- Repeated HF admissions
- Intolerance to HF GDMT
- Chronic low level troponin elevation

Bilateral Carpal Tunnel Syndrome
- Pain and numbness in fingers

Arrhythmias and Heart Blocks
- Atrial fibrillation
- Pacemakers
- Tachy/brady syndrome
- Low tolerance to AV nodal blockers

Red Flags on Cardiovascular Testing

Confirmatory Testing

1. Pyrophosphate (PYP) scan
2. Rule out light chain amyloidosis by:
   a. Serum and urine kappa/lambda quantitation
   b. Serum and urine protein electrophoresis with immunofixation
3. Genetic testing

Support: ASNC thanks Saurabh Malhotra, MD, MPH, FASNC for developing this poster.
Supported by an unrestricted educational grant from Pfizer, Inc.