Think Amyloid!

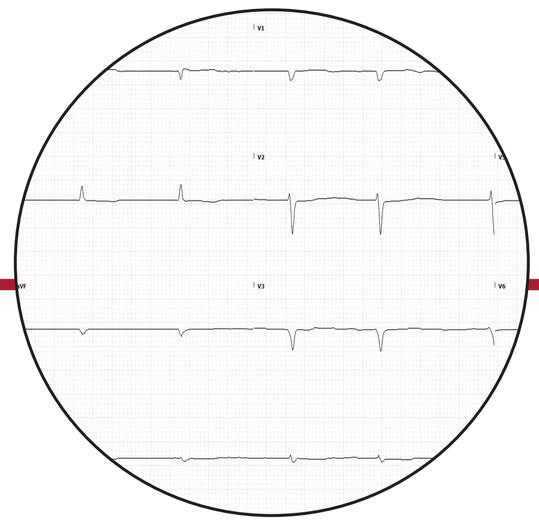
Transthyretin cardiac amyloidosis (ATTR-CA)

Highly prevalent and underdiagnosed cause of heart failure (HF)

Patients >60 years with clinical HF, and:

African American descent
4% prevalence of hereditary ATTR-CA in African American populations (V142I mutation).

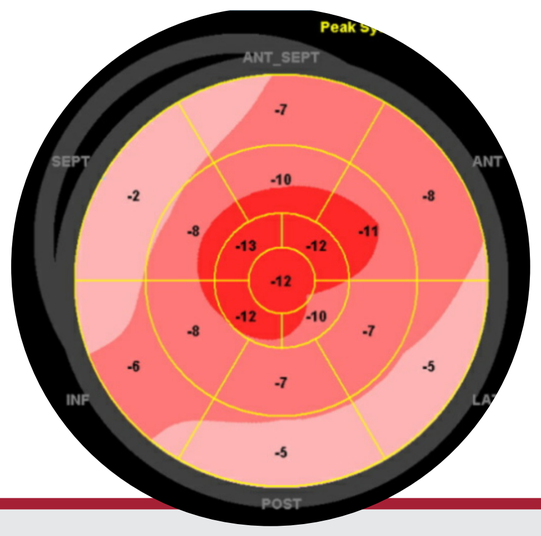
Elderly
Prevalence of wild-type ATTR-CA increases with age.



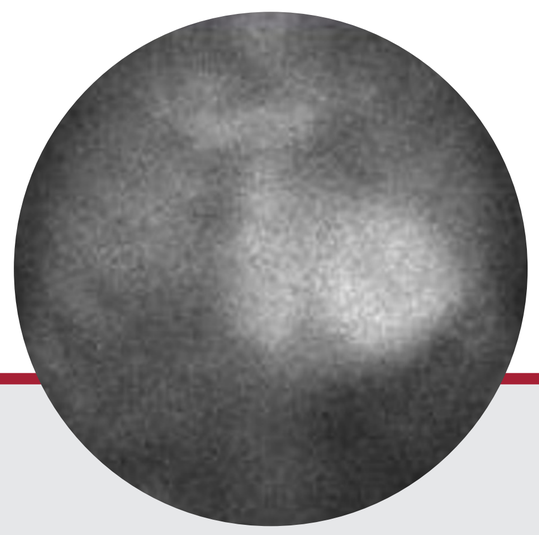
Low voltage ECG

"Clinical Red Flags":

- Bilateral carpal tunnel syndrome
- Repeat heart failure (HF) admissions
- Worsening HF despite medication compliance
- Hypotension, requiring de-escalation of antihypertensive or HF medications
- Gastroparesis/constipation
- Autonomic dysfunction (orthostatic hypotension or syncope)
- Polyneuropathy
- Lumbar spinal stenosis (back pain)
- Atrial fibrillation/bradycardia/heart block
- Chronic low-level troponin elevation



Apical Sparing Pattern



Positive PYP scan (highly specific for ATTR-CA)

Order The Following:

1. **ECG:** low voltage pattern
2. **Echo with strain**
   a. Increased left ventricular wall thickness
   b. Apical sparing strain pattern (cherry on top) echocardiography
3. **Rule out light chain amyloidosis by:**
   a. Serum and urine kappa/lambda light chains
   b. Serum and urine immunofixation electrophoresis
4. **Pyrophosphate (PYP) scan**
5. **Cardiology clinic referral**

Get More ATTR-CA Resources

Hover over image with your camera

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