- mechanical dysfunction
  - valve rupture
    - presents with shortness of breath, hypotension, tachycardia
  - septal rupture
    - also presents with shortness of breath, hypotension, tachycardia
    - the difference is that here we have an increase in saturation as we go from the Right atrium to the right ventricle (step up in O2 saturation)
- electromechanical dysfunction (electrical system is firing without muscular contraction)
- Ischemia
- pericarditis (Dressler syndrome)
  - treat with NSAIDs, aspirin,+/- steroids
- thromboembolic
  - mural thrombi (on the wall of the heart)
  - DVT
- sudden cardiac death due to V-tach or V-fib
  - if he lives we treat with B blockers
- right ventricular infarction
- right ventricular infarction
  result from inferior wall MI (occurs 30% of the times)
  here we do the right sided EKG
  they cause hypotension so treat with IV-free5 a