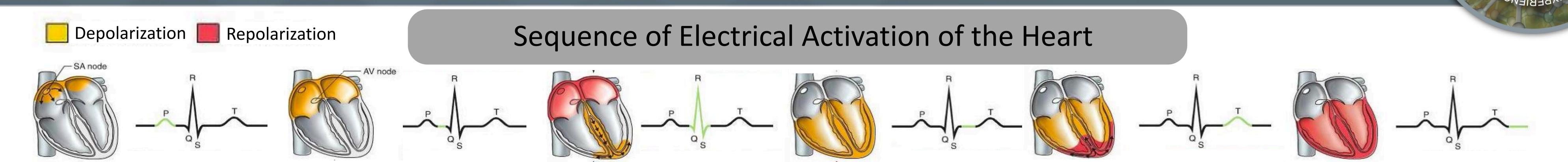
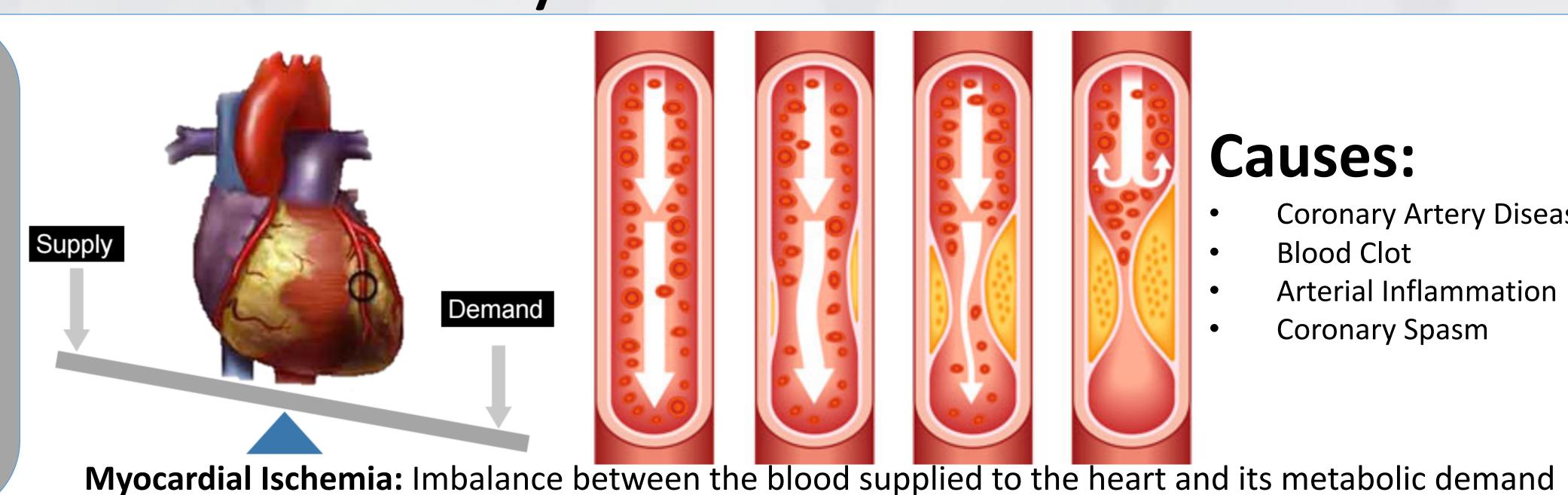
Noninvasive Electrical Diagnosis of Cardiac Abnormalities

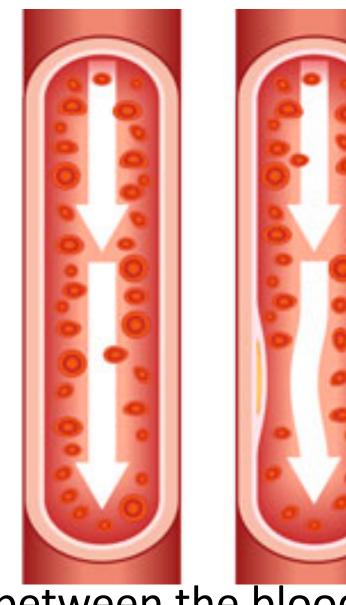
Computational Electrocardiology Group

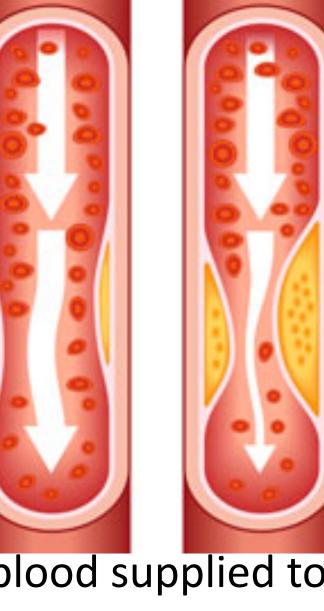


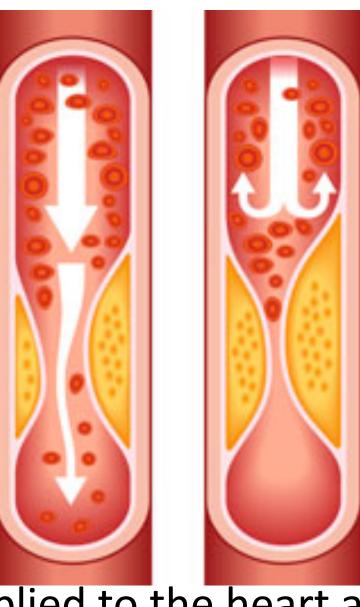
Myocardial Ischemia

Premature Ventricular Contractions (PVCs)





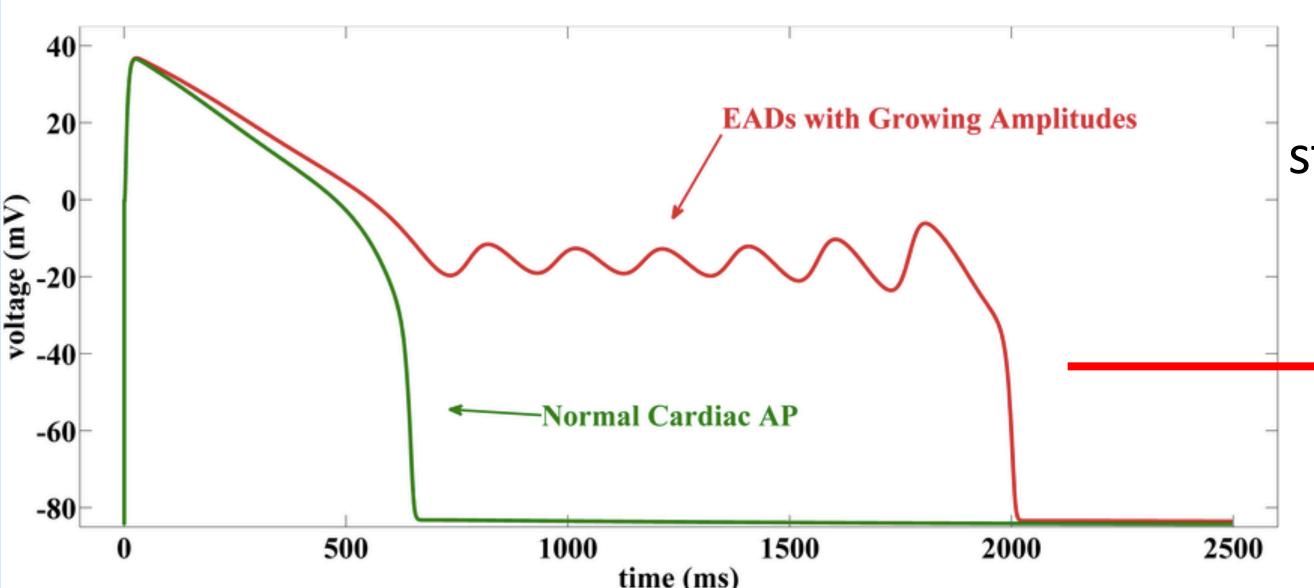






Causes:

- Coronary Artery Disease
- **Blood Clot**
- **Arterial Inflammation**
- Coronary Spasm

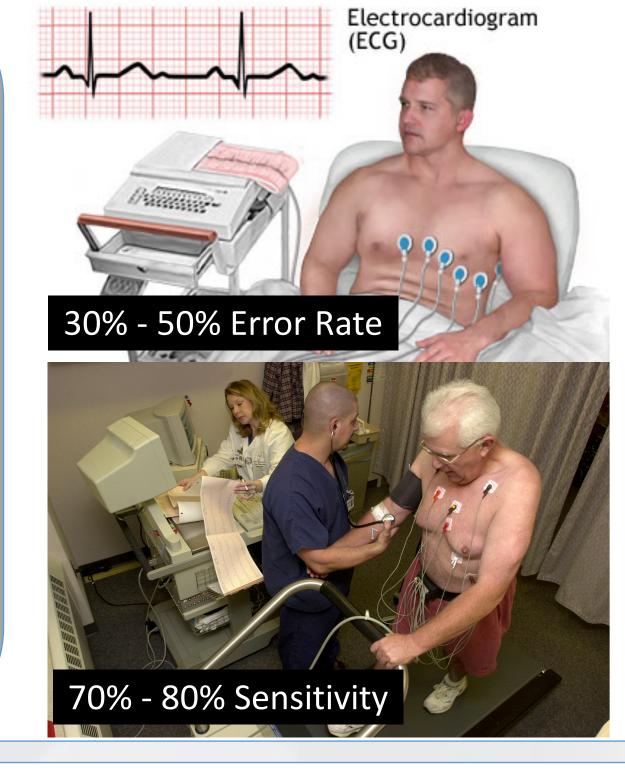


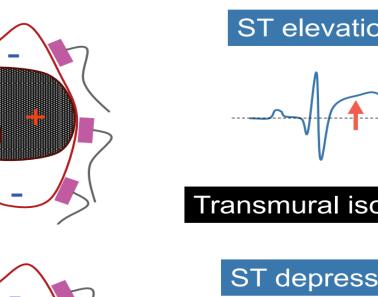
Abnormal electrical activity starting with a small cluster of cells

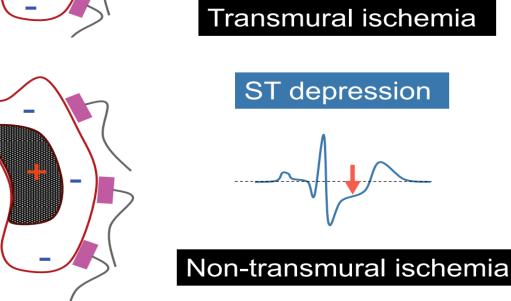


PVCs: Abnormal electrical impulse that causes a premature and uncoordinated contraction

Pathophysiol

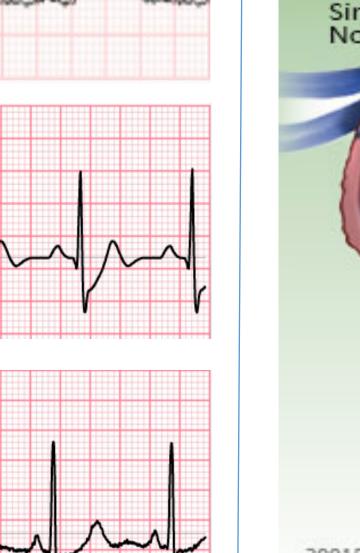






Ischemic ECG: Often appears normal or non-specific

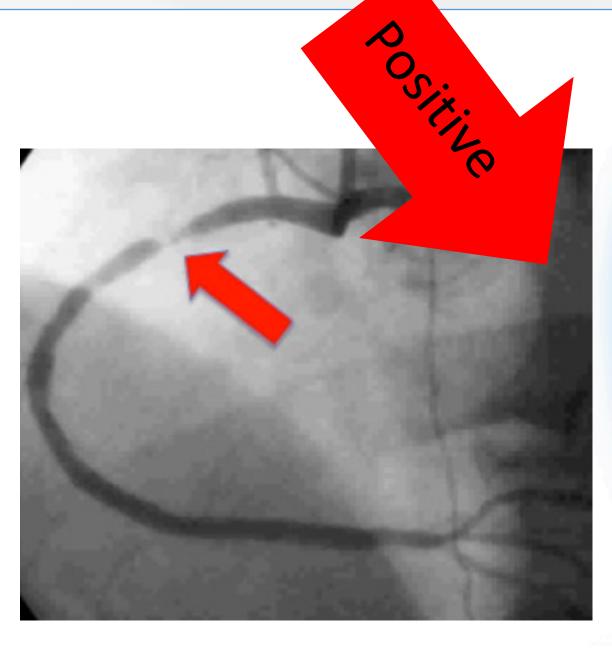


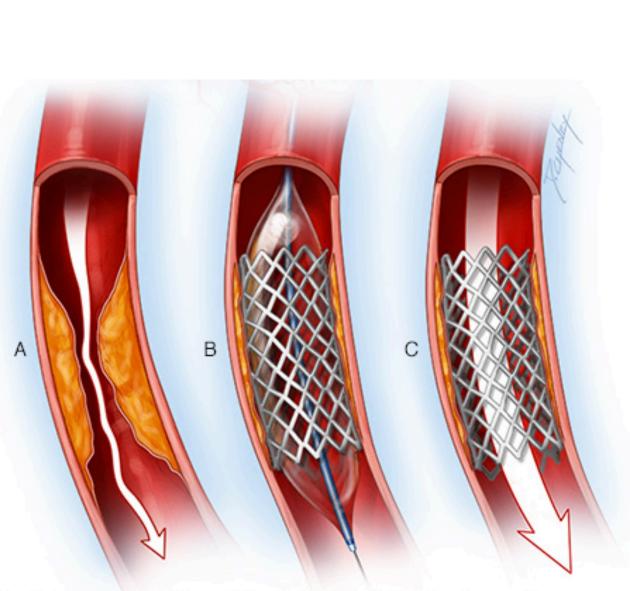


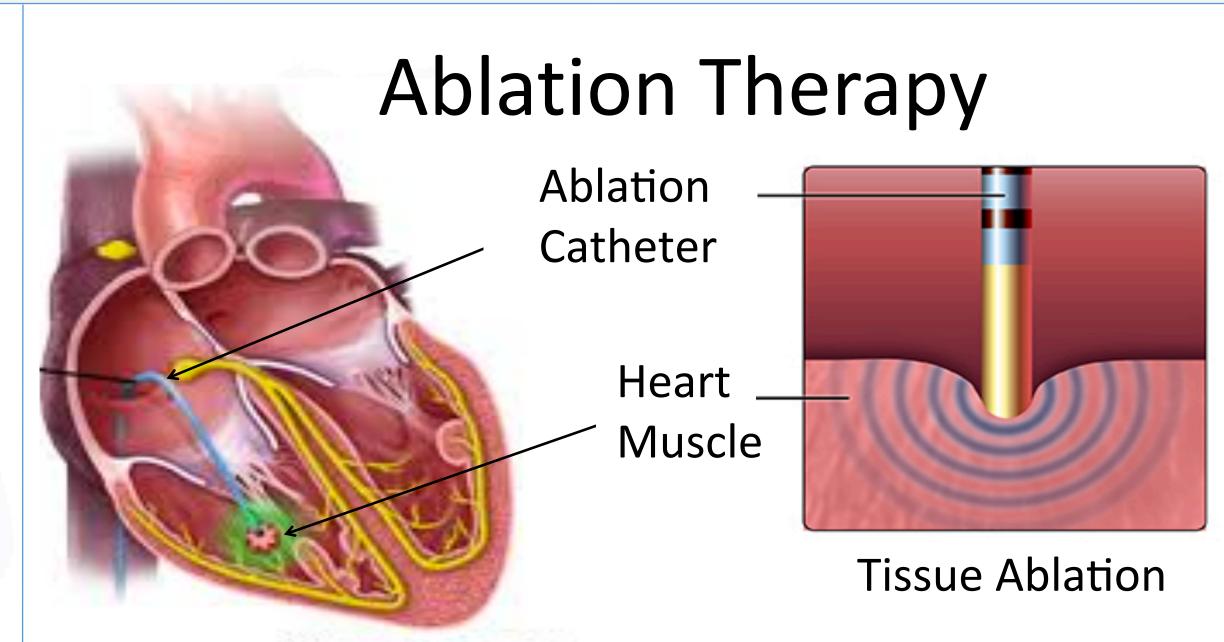












Drug Therapy

