LAST DAY! :) or :(?

Don't update your computer's yet. But be sure to do it first thing when you get home!

Heart Physiology

Samuel Bechara, PhD

Assistant Chair and Lecturer Department of Biomedical Engineering Marquette University

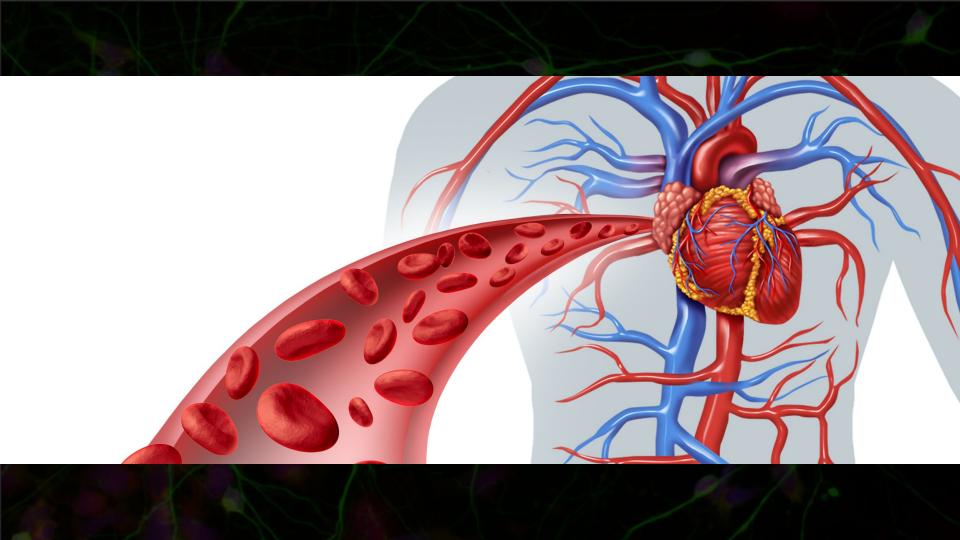




Who needs em?

What are they for?

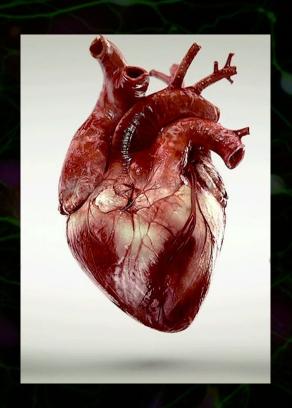




610,000 People die from heart disease each year in the US



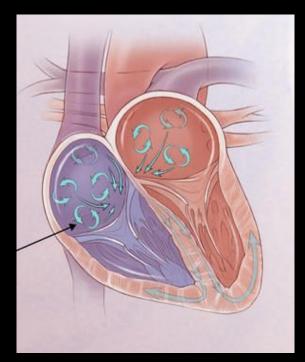
That is 1 in every 4 deaths



Problem: Atrial Fibrillation (AFib)



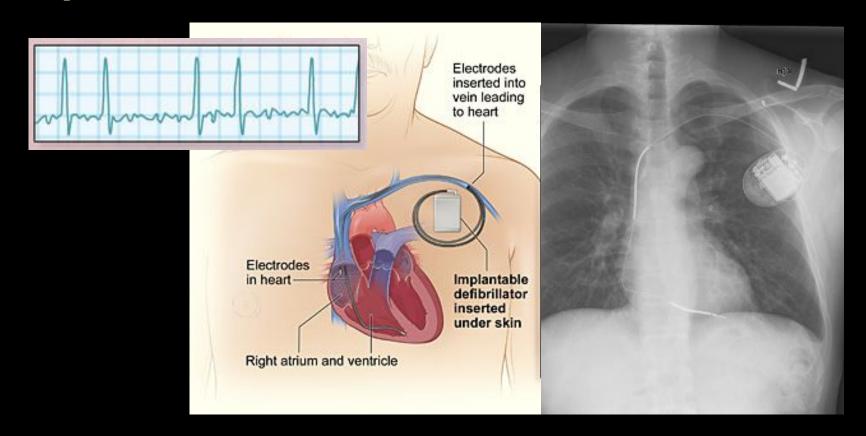




Automated External Defibrillator



Implantable Cardioverter Defibrillator



Understanding an ECG

Electrical activity

P-Wave
 Atrial depolarization

2. QRS - Complex Depolarization of the ventricles

3. T-Wave Ventricular Re-polarisation

