



**Time is Muscle**  
Acute Myocardial  
Infarction

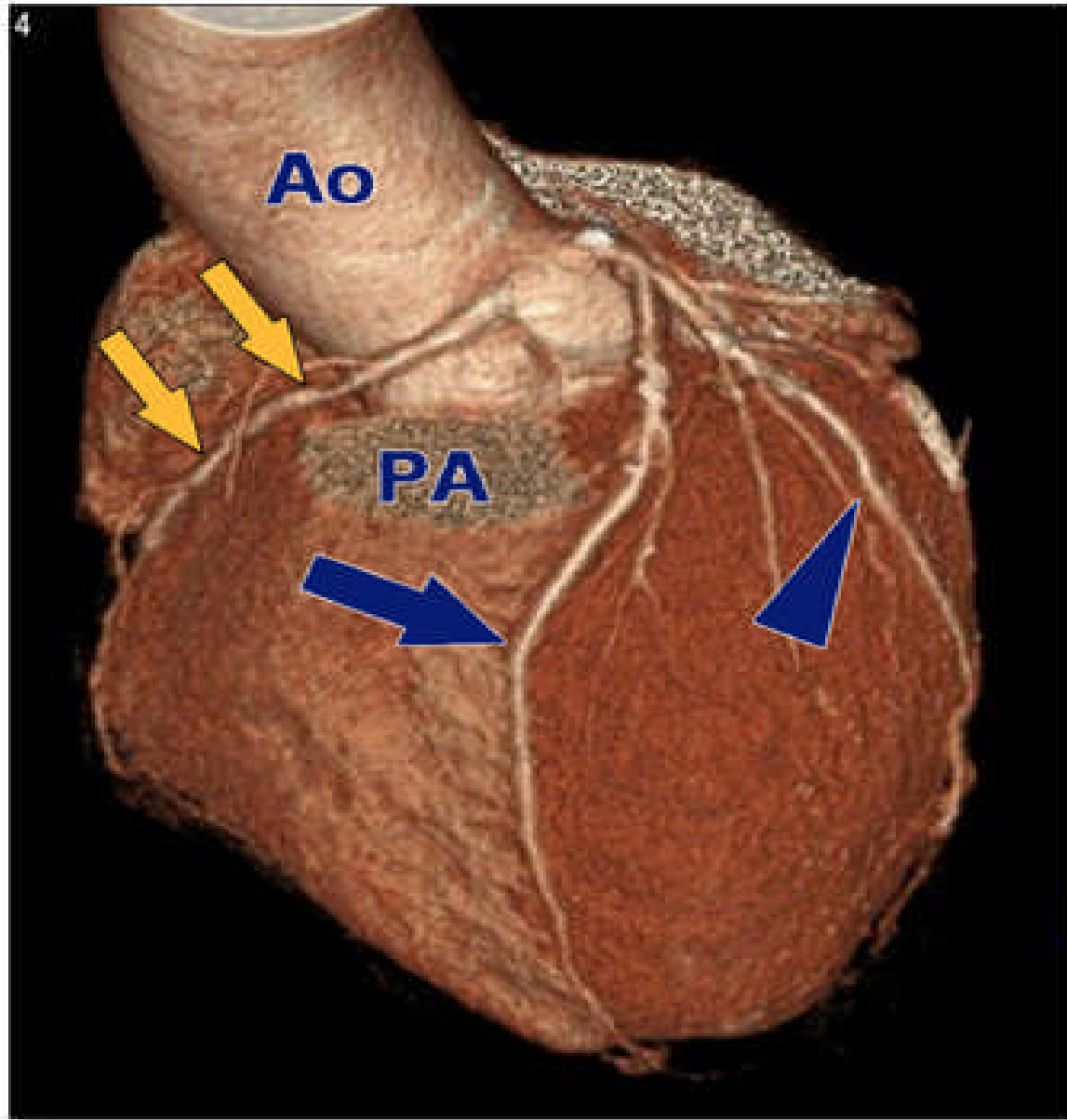
Edward J. Loughery,  
MD, FACC



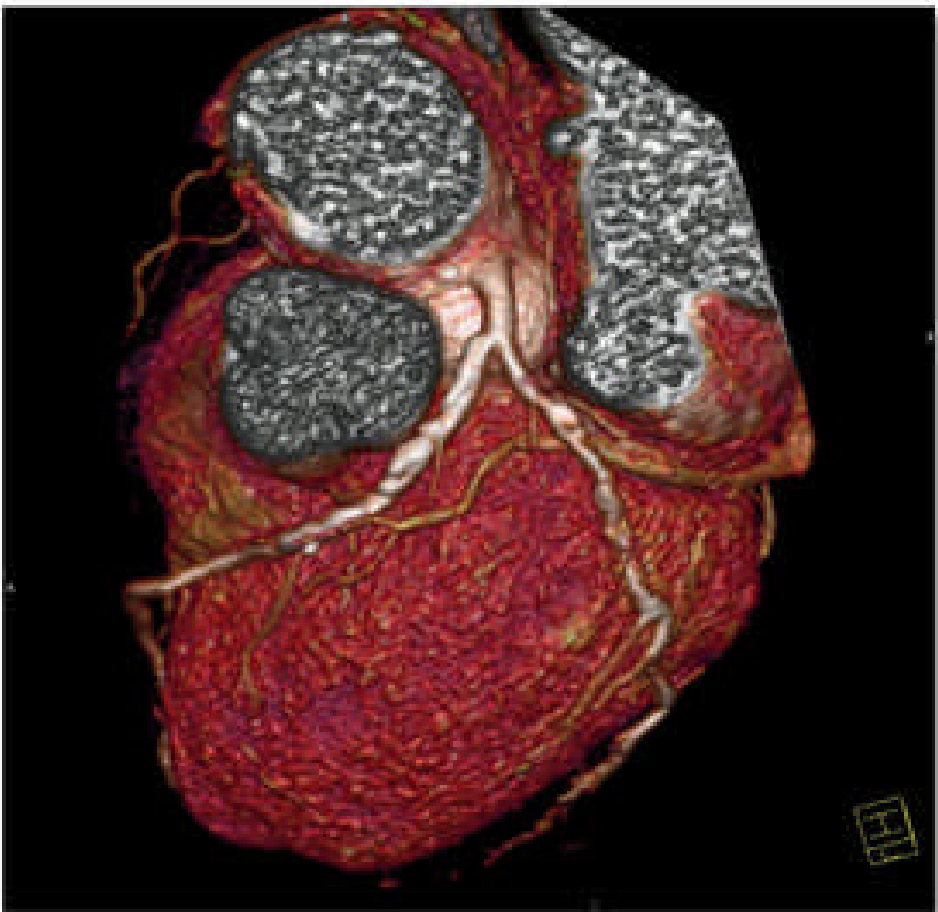
Cardiovascular Services

# Demographics

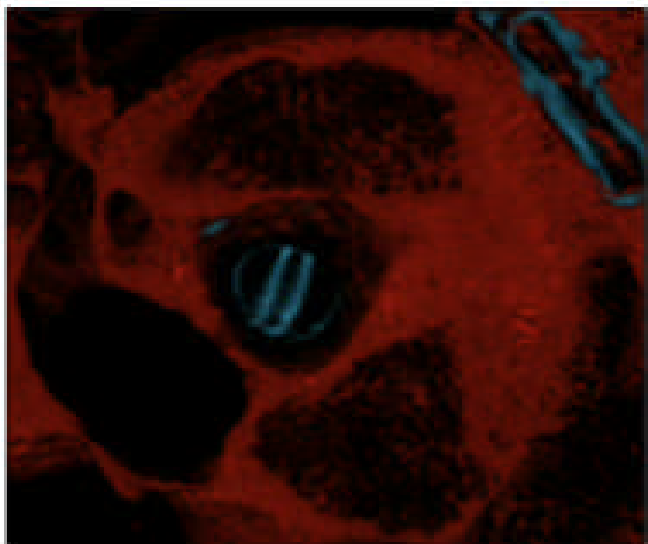
- 600,000 heart attacks/year
- 320,000 recurrent heart attacks/year
- First heart attack in males 64 years old in females 70 years old
- \$156 Billion
- Leading cause of death
- 166,220/year out of hospital arrests: 6.7% survival
- Elderly population: Highest incidence and risk



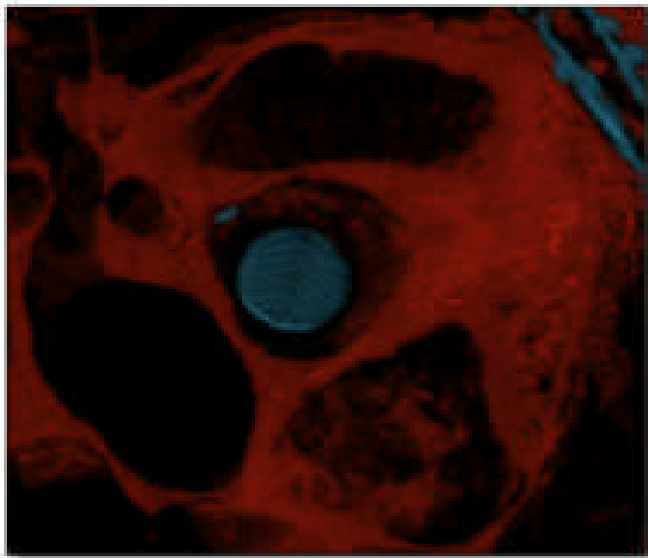
A



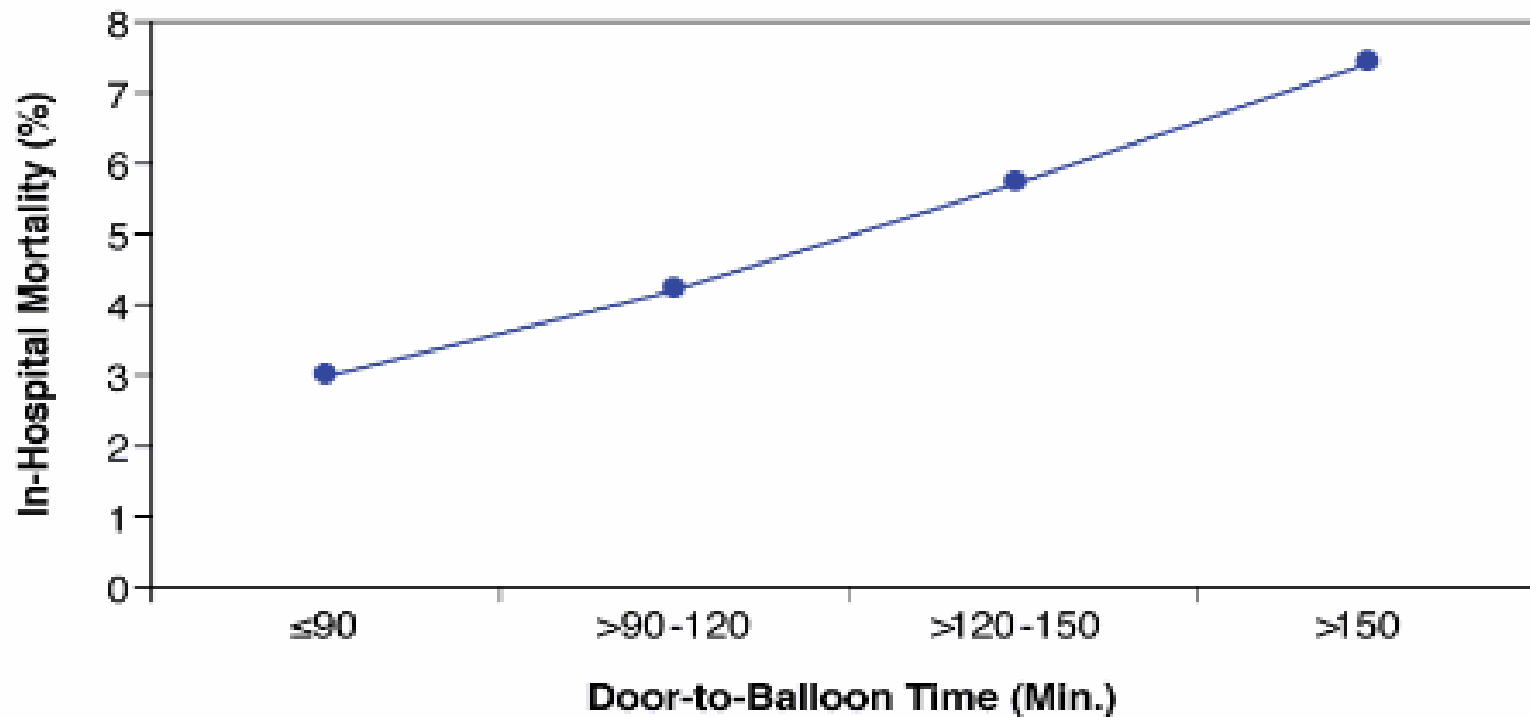
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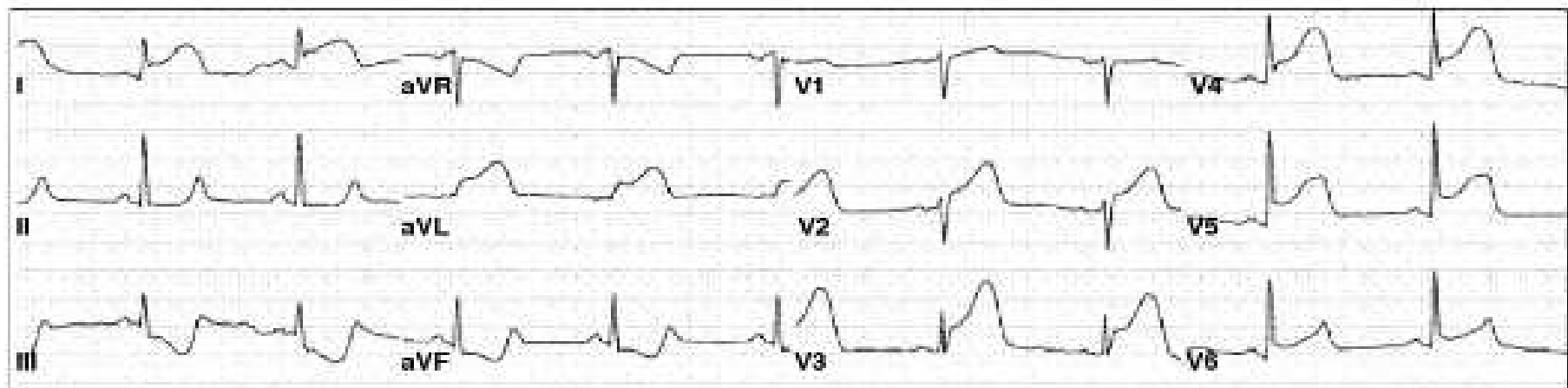
## In-Hospital Mortality and Door-to-Balloon Time



# Case Presentation

- 60 Year old female with Chest pain, Dyspnea, Diaphoresis
- Smoking, Hypercholesterolemia, Hypertension, Diabetes AND early Family Medical History
- 911
- EMS Evaluation and Transfer:
- ER triage
- EKG DIAGNOSIS IN 5 MINUTES

## Prehospital Electrocardiogram Showing Anterior Wall ST-Elevation Myocardial Infarction



# Case Presentation

- Mobilize the Cath Lab Team
- ASA, Heparin, B-Blocker in ER
- Cath Lab
- Emergent PCI

# Post Heart Attack Care

- Medication
- Devices
- Lifestyle/Risk Factor Management
- Cardiac Rehab
- Occupational Risk

# THE A TEAM

