ECGs are Critical
- Acquire ECG < 5 minutes
- Relay findings to hospital immediately
- Consider additional resources

ECG for all possible heart pain patients
- Typical pain over age 30
- Atypical symptoms over age 50

V1: 4th ICS
V2: 4th ICS
V3: Between V2 and V4
V4: 5th ICS MCL
V5: 5th ICS
V6: 5th ICS MAL

WHAT IS ISCHEMIA?
- Partial blockage of blood flow/inadequate blood supply
- Decreased oxygen to heart
- ST-segment depression
- T-wave inversion

WHAT IS INFARCT?
- Complete blockage of flow/no blood supply
- No oxygen supply to heart muscle
- ST-segment elevation
- Death of tissue/permanent after 12 hours

ECG DIAGNOSIS OF ST ELEVATION MYOCARDIAL INFARCTION (STEMI)
- One millimeter or more (one small box)
- Present in two anatomically contiguous leads (next to one another on the heart)