

MYOCARDIAL INFARCTION

Causes

- ↳ Atherosclerosis
- ↳ Blockage + Narrowing of coronary arteries

Pain

Site + Radiation

- Centre of Chest.

- Radiating to neck, jaw, upper + lower arms.

Onset

- Several minutes or longer to develop max intensity.

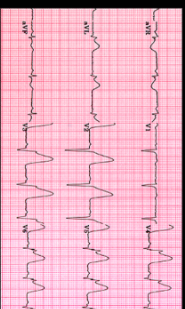
Characteristics

- Crushing, heavy, constricting

Risk Factors

- Hypertension
- Arterial
- Diabetes
- Fibrillation
- Socioeconomic Status
- Smoking
- BMI

ECG



CHEST PAIN

TYPES OF CHEST PAIN

Cardiac

Aortic

Esophageal

- Pain radiates to interscapular region
- Dysphagia could also be present (difficulty swallowing)

PAIN

Mediastinal

Musculoskeletal

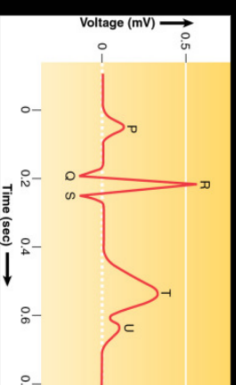
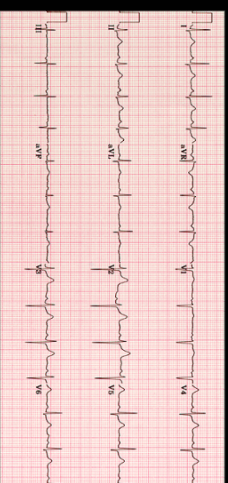
- Variable site + intensity
- Pain varies with posture/movement of upper body (e.g. bend, stretch)

lungs

MYOCARDIAL ISCHAEMIA

- Discomfort rather than pain
- During NOT after exertion
- Promptly relieved by rest (<5min)
- Exacerbated + precipitated by emotion BUT more readily during exertion, after a large meal, or in cold wind.

ELECTROCARDIOGRAM



Blood Troponin Test

- When cardiac myocytes are damaged, troponin is released into circulation.

