

Standard work up

- Structured history and examination
- Vital function guard
- 12 lead ECG
- Venous access
- **Laboratory analysis**
- Oxygen therapy

Standard laboratory analysis

- Na, K, Ur, Kr
- LDH, ASAT, ALAT
- CK, CK-MB
- Troponin
- Leuco, diff, Hb, thrombo
- Glucose, HbA1c
- Chol, TG, LDL, HDL
- INR

- 80° Celsius

- Citrate plasma
- EDTA plasma
- Serum
- DNA

Myocardial infarction

- MI presentation, abnormal ECG
- ST elevation
- Positive troponin

Chest pain with high ACS probability

- Typical chest pain
- Multiple risk factors
- Abnormal ECG, without ST elevation
- First negative troponin

Chest pain with low ACS probability

- Atypical chest pain
- Normal ECG
- First troponin negative

**No suspicion of
cardiac origin of chest pain**

Electron Beam Tomography

Electron Beam Tomography

CT angiography during admittance

Coronary calcium
score > 400Coronary calcium
score 10 - 400Coronary calcium
score < 10Coronary angiography
± intervention

Second troponin

Exercise test

Hospital admission

Safe dismissal or consultation

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