- 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
  - CITrate plasma
  - EDTA plasma
  - Serum
  - DNA

- 80° Celsius

- No suspicion of cardiac origin of chest pain

- 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

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

- Coronary angiography ± intervention

- CT angiography during admittance
  - Coronary calcium score > 400
  - Coronary calcium score 10 - 400
  - Coronary calcium score < 10

- Electron Beam Tomography

- Exercise test

- Hospital admission

- Safe dismissal or consultation