

Mock Patient Profile for STEMI Management

Patient Profile

Name: John Doe

Age: 55 years

Sex: Male

Medical History: Hypertension, hyperlipidemia, type 2 diabetes mellitus, no previous cardiovascular events.

Clinical Presentation

Symptoms: Chest pain radiating to the left arm, shortness of breath, sweating, onset 2 hours ago.

Vital Signs: Blood pressure 150/90 mmHg, heart rate 110 bpm, respiratory rate 20 breaths/min, oxygen saturation 94% on room air.

Diagnostic Findings

ECG: ST-segment elevation in leads II, III, and aVF.

Echocardiography: Left ventricular dysfunction with an ejection fraction of 45%.

Lab Values:

Troponin I: Elevated

Creatine Kinase-MB: Elevated

Glucose: 180 mg/dL

Total Cholesterol: 220 mg/dL

LDL Cholesterol: 150 mg/dL

HDL Cholesterol: 30 mg/dL