

## Medical Record 1:

### Current Status:

The patient is a 45-year-old male presenting with persistent chest pain and shortness of breath for the past 3 days. Vital signs show mild hypertension (BP 145/90 mmHg) and tachycardia (HR 102 bpm). Oxygen saturation is 95% on room air.

### History:

No prior history of cardiac disease. History of smoking for 15 years but quit 5 years ago. No known allergies or diabetes. Family history significant for coronary artery disease in the father. Patient reports increased physical stress at work recently.

### Initial Diagnosis:

Suspected unstable angina given chest pain characteristics, risk factors, and vitals.

### Suggested Steps:

- Immediate ECG and cardiac enzyme tests (troponin levels).
- Start aspirin and nitroglycerin as per protocol.
- Admission for cardiac monitoring.
- Schedule echocardiogram and possible cardiology consult.
- Lifestyle counseling including smoking cessation reinforcement.