

MEDICAL DIAGNOSIS REPORT

PATIENT INFORMATION

Name: John A. Smith

DOB: 03/15/1965

MRN: 735492

Date: 04/13/2025

CLINICAL SUMMARY

60-year-old male presented with acute chest pain, shortness of breath, and diaphoresis. Patient has history of hypertension, type 2 diabetes, and hyperlipidemia.

KEY FINDINGS

Vital Signs

- BP: 168/95 mmHg
- HR: 96 bpm
- O2 Sat: 94% room air

Diagnostic Tests

- ECG: ST-segment elevation in leads V2-V5
- Troponin I: Initial 0.15 ng/mL, peaked at 4.7 ng/mL
- Cardiac Catheterization: 95% occlusion of proximal LAD

DIAGNOSIS

1. Acute ST-Elevation Myocardial Infarction (STEMI), anterior wall
2. Coronary Artery Disease, severe
3. Poorly controlled Type 2 Diabetes Mellitus (HbA1c 8.2%)
4. Hypertension
5. Hyperlipidemia

TREATMENT

- Emergent percutaneous coronary intervention with drug-eluting stent to LAD
- Dual antiplatelet therapy initiated
- Statin therapy intensified
- Beta-blocker and ACE inhibitor started
- Insulin regimen for diabetes management

RECOMMENDATIONS

1. Cardiac rehabilitation program

2. Follow-up with cardiology in 2 weeks
3. Endocrinology follow-up for diabetes management
4. Medication adherence education
5. Lifestyle modifications including diet and exercise counseling

Report Prepared By:

Dr. Sarah Chen, MD
Cardiology Department
Memorial Hospital