

Patient Name: John Doe
Age: 45
Gender: Male
Date: 2025-04-10

--- Blood Test Results ---

Hemoglobin: 13.5 g/dL (Normal: 13.8 - 17.2)
White Blood Cells: 11,500 / μ L (Normal: 4,500 - 11,000) \boxtimes
Platelets: 250,000 / μ L (Normal: 150,000 - 450,000)

--- Metabolic Panel ---

Glucose (Fasting): 112 mg/dL (Normal: 70 - 99) \boxtimes
Creatinine: 0.9 mg/dL (Normal: 0.6 - 1.3)
BUN: 14 mg/dL (Normal: 7 - 20)
Sodium: 138 mEq/L (Normal: 135 - 145)
Potassium: 4.1 mEq/L (Normal: 3.5 - 5.1)

--- Lipid Panel ---

Total Cholesterol: 220 mg/dL (Normal: < 200) \boxtimes
HDL (Good Cholesterol): 40 mg/dL (Normal: > 40)
LDL (Bad Cholesterol): 160 mg/dL (Normal: < 100) \boxtimes
Triglycerides: 180 mg/dL (Normal: < 150) \boxtimes

--- Comments ---

The patient has elevated LDL and total cholesterol levels, suggesting a moderate cardiovascular risk. Glucose levels are also slightly elevated, indicating potential prediabetes. Recommend follow-up with a healthcare provider to discuss diet, exercise, and possible treatment options.

Signed by: Dr. Emily Hart