

# CLINICAL ONCOLOGY REPORT

CarePortal Cancer Detection & Risk Assessment Engine

Patient Name: Robert Miller  
Date of Birth: 05/22/1958  
Age: 67  
Sex: Male  
Smoking Status: Chronic Smoker (40 Pack Years)

## LABORATORY RESULTS - ONCOLOGY SCREENING PANEL [CRITICAL FINDINGS]

### --- COMPLETE BLOOD COUNT (CBC) ---

White Blood Cell Count (WBC): 15.8 x10<sup>3</sup>/uL [HIGH]  
Red Blood Cell Count (RBC): 3.2 x10<sup>6</sup>/uL [LOW]  
Hemoglobin: 9.4 g/dL [CRITICAL LOW - ANEMIA]  
Hematocrit: 28.2 % [LOW]  
Platelet Count: 580 x10<sup>3</sup>/uL [CRITICAL HIGH - THROMBOCYTOSIS]  
Mean Corpuscular Volume (MCV): 76.5 fL [LOW]  
Mean Corpuscular Hemoglobin (MCH): 24.2 pg [LOW]  
Neutrophils %: 86.2 % [HIGH]  
Lymphocytes %: 7.4 % [LOW]

### --- INFLAMMATORY MARKERS ---

C-Reactive Protein (CRP): 42.5 mg/L [CRITICAL HIGH]

### --- TUMOR MARKERS ---

Carcinoembryonic Antigen (CEA): 24.8 ng/mL [CRITICAL HIGH]  
Cancer Antigen 125 (CA-125): 92.5 U/mL [CRITICAL HIGH]

[END OF REPORT - URGENT CLINICAL CORRELATION REQUIRED].