

Patient Summary Report – Martin A. Mitchell Jr.

Date Generated: 2025-04-04 20:18:38

Patient Information:

Name: Martin A. Mitchell Jr.
DOB: 03/25/1983 | Age: 42
Facility: East Liverpool City Hospital
Account #: X028058808

Key Clinical Highlights:

- eGFR: 58 and 60 (mild reduction, watch kidney function)
- Iron (Fe): 39 ug/dL (low, possible iron deficiency)
- HDL Cholesterol: 19 mg/dL (low, cardiovascular risk)
- ALT (Liver enzyme): 46 U/L (mildly elevated)
- TSH: 0.433 uIU/mL (slightly low – thyroid status to monitor)
- Hemoglobin A1c: 5.2% (good glucose control)
- WBC: $18.6 \times 10^3/\mu\text{L}$ (elevated – infection/inflammation)
- HGB/HCT: High – dehydration or reactive condition possible
- Vitamin D: Normal (36.6 ng/mL)
- Stool culture: Negative for major pathogens
- Pending: JAK2 Mutation, Ova & Parasite screen

Recommendations:

1. Kidney function follow-up (possible early CKD Stage 2)
2. Iron panel recheck + dietary review
3. Cardiac risk factor assessment (HDL, BP, triglycerides)
4. Thyroid panel retest in 6–8 weeks
5. Hydration & retest CBC after symptom stabilization

Diagnostic Risk Layering Initiated – Phase 1 embedded in Dominion medical thread.

End of Summary.