NOTICE TO PHYSICIAN

This report is produced by the AuRA statistical modeling platform and is intended solely as an informational reference for use by a licensed medical professional. It does not constitute a diagnosis, clinical opinion, or medical advice. All findings presented in this document must be independently reviewed and validated by a qualified physician before any clinical decision is made.

PATIENT INFORMATION

Patient ID	immport_sdy91_114872
Age	55
Sex	M
BMI	Not recorded
Source Dataset	immport_sdy91
Diagnosis on File	Granulomatosis With Polyangiitis (GPA) (M31.3)

TESTS CONDUCTED

The following laboratory markers were included in this assessment. Markers listed as "Not ordered" were not available for this patient and were excluded from the statistical model input.

Complete Blood Count (CBC)

White Blood Cell Count (WBC)	Ordered
Red Blood Cell Count (RBC)	*Not ordered*
Hemoglobin	Ordered
Hematocrit	Ordered
Platelet Count	Ordered
Mean Corpuscular Volume (MCV)	*Not ordered*
Mean Corpuscular Hemoglobin (MCH)	*Not ordered*
Red Cell Distribution Width (RDW)	*Not ordered*

Inflammatory Markers

Erythrocyte Sedimentation Rate (ESR)	Ordered
C-Reactive Protein (CRP)	Ordered

Autoantibody Panel

No autoantibody data was available for this patient.

STATISTICAL MODEL OUTPUT

Model	Aura Hierarchical Dual-Scorer v1.0
Confidence Tier	High (>80%)
Estimated Category	Systemic Autoimmune
Category Confidence	95.7%
Estimated Disease	Granulomatosis With Polyangiitis (GPA)
Disease Model Confidence	99.9%

Category Probability Distribution:

Systemic Autoimmune	**95.7%**
Healthy / No Autoimmune Pattern	3.8%
Endocrine Autoimmune	0.3%
Gastrointestinal Autoimmune	0.2%

LABORATORY RESULTS

Test	Result	Units	Reference Range	Flag
WBC	5.55	×10³/μL	4.5 – 11.0	
RBC	*—*	*×10■/μL*	*—*	*Not ordered*
Hemoglobin	12.5	g/dL	12.0 – 17.5	
Hematocrit	**36**	%	37.0 – 52.0	**L**
Platelet Count	242.9	×10³/μL	150 – 400	
MCV	*—*	*fL*	*—*	*Not ordered*
MCH	*—*	*pg*	*—*	*Not ordered*
RDW	*—*	*%*	*—*	*Not ordered*
ESR	13	mm/hr	0.0 – 20.0	
CRP	0.37	mg/dL	0.0 – 1.0	

CLINICAL NOTES

Summary

Systemic autoimmune pattern detected (96% confidence). Findings are consistent with systemic inflammation — consider evaluation for lupus, rheumatoid arthritis, Sjögren's syndrome, or related conditions.

Recommended Action

Referral to Rheumatology. Consider: ANA panel, anti-dsDNA, RF, anti-CCP, complement levels (C3/C4), joint X-rays.