SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID	AGE	SEX	BMI
immport_sdy91_114872	**55**	**M**	**N/A**
SOURCE DATASET	TRUE DIAGNOSIS	ICD-10	CATEGORY
immport_sdy91	**Granulomatosis With Polyangiitis (GPA)**	**M31.3**	**Systemic**

SECTION 2: PREDICTION

SYSTEMIC AUTOIMMUNE   Confidence: **95.7%** · High (>80%)   ✓ CORRECT

CATEGORY	PROBABILITY
Systemic Autoimmune	95.7%
Healthy	3.8%
Endocrine Autoimmune	0.3%
Gastrointestinal	0.2%

Predicted Disease: Granulomatosis With Polyangiitis (GPA)   **Disease Confidence:** 99.9%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	5.55	×10³/µL	4.5–11.0	N	—
RBC	—	×10■/µL	—	MISSING	—
Hemoglobin	12.5	g/dL	12.0–17.5	N	—
Hematocrit	36	%	37.0–52.0	L	—
Platelets	242.9	×10³/µL	150–400	N	—
MCV	—	fL	—	MISSING	—
MCH	—	pg	—	MISSING	—
RDW	—	%	—	MISSING	—
ESR	13	mm/hr	0.0–20.0	N	—
CRP	0.37	mg/dL	0.0–1.0	N	—

SECTION 5: CLINICAL INTERPRETATION

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.

Patient-Friendly Explanation

Your results suggest patterns seen in conditions like lupus or rheumatoid arthritis. These are treatable — early evaluation matters.

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