

SECTION 1: PATIENT DEMOGRAPHICS

PATIENT ID import_sdy3216_420551	AGE 54	SEX F	BMI N/A
SOURCE DATASET import_sdy3216	TRUE DIAGNOSIS Scleroderma (Systemic Sclerosis)	ICD-10 M34.9	CATEGORY Systemic

SECTION 2: PREDICTION

SYSTEMIC AUTOIMMUNEConfidence: **93.7%** · High (>80%)**✓ CORRECT**

CATEGORY	PROBABILITY
Systemic Autoimmune	93.7%
Healthy	5.6%
Endocrine Autoimmune	0.4%
Gastrointestinal	0.3%

Predicted Disease: Scleroderma (Systemic Sclerosis) **Disease Confidence:** 76.2%

SECTION 3: LAB PANEL

MARKER	VALUE	UNIT	REF RANGE	FLAG	Z-SCORE
WBC	5.2	$\times 10^3/\mu\text{L}$	4.5–11.0	N	—
RBC	—	$\times 10^6/\mu\text{L}$	—	MISSING	—
Hemoglobin	12.9	g/dL	12.0–17.5	N	—
Hematocrit	38.9	%	37.0–52.0	N	—
Platelets	247	$\times 10^3/\mu\text{L}$	150–400	N	—
MCV	—	fL	—	MISSING	—
MCH	—	pg	—	MISSING	—
RDW	—	%	—	MISSING	—
ESR	8	mm/hr	0.0–20.0	N	—
CRP	—	mg/dL	—	MISSING	—

SECTION 5: CLINICAL INTERPRETATION

Summary

Systemic autoimmune pattern detected (94% 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.