■ Cardiac Abnormality Assessment Report

Report Generated: October 08, 2025 at 21:58
Analysis Type: Multimodal AI-Powered Assessment

Risk Assessment Summary

Cardiac Risk Probability	**55.5%**
Risk Level	Level 3 of 5
Risk Category	Moderate Risk

Clinical Interpretation

Moderate probability of cardiac abnormality

Medical Recommendations

Recommendation: Further diagnostic testing advised

Action Required: Consult with cardiologist for additional tests (stress test, echo)

AI Explainability Analysis

Primary Driver: Clinical
The prediction was primarily driven by Clinical data (99.8% contribution).

Modality Contributions

Modality	Contribution	Impact	Interpretation
ECG (Electrocardiogram)	0.0%	0.000	ECG data had minor influence on this prediction
PCG (Phonocardiogram)	0.2%	0.001	PCG data had minor influence on this prediction
Clinical Data	99.8%	0.439	Clinical data strongly influenced this prediction

Top Clinical Features

Feature	Importance	Interpretation
CAA	33.1%	Number of major vessels had critical impact on prediction
OLDPEAK	18.3%	ST depression had critical impact on prediction
EXNG	12.6%	Exercise induced angina had critical impact on prediction
THALACHH	10.9%	Maximum heart rate had critical impact on prediction
RESTECG	7.8%	Resting ECG results had critical impact on prediction

Confidence Assessment

Confidence Level: MODERATE
Prediction confidence is moderate. Consider additional diagnostic tests.

Summary

This patient shows high risk of cardiac abnormality (probability: 55.5%). The prediction is primarily based on Clinical data. Among clinical features, caa is the most influential.