■ Cardiac Abnormality Assessment Report

Report Generated: October 08, 2025 at 21:22
Analysis Type: Multimodal AI-Powered Assessment

Risk Assessment Summary

Cardiac Risk Probability	**100.0%**
Risk Level	Level 5 of 5
Risk Category	Very High Risk

Clinical Interpretation

Very high probability of cardiac abnormality

Medical Recommendations

Recommendation: Immediate medical attention required

Action Required: Emergency cardiology referral - consider ER evaluation if symptomatic

AI Explainability Analysis

Primary Driver: Clinical
The prediction was primarily driven by Clinical data (100.0% contribution).

Modality Contributions

Modality	Contribution	Impact	Interpretation
ECG (Electrocardiogram)	0.0%	0.000	ECG data had minor influence on this prediction
PCG (Phonocardiogram)	0.0%	0.000	PCG data had minor influence on this prediction
Clinical Data	100.0%	0.006	Clinical data strongly influenced this prediction

Top Clinical Features

Feature	Importance	Interpretation
TEMP	98.5%	Body temperature/SpO2 had critical impact on prediction
AGE	0.0%	Patient age had minor impact on prediction
SEX	0.0%	Patient sex had minor impact on prediction
CP	0.0%	Chest pain type had minor impact on prediction
TRTBPS	0.0%	Resting blood pressure had minor impact on prediction

Confidence Assessment

Confidence Level: HIGH
Prediction confidence is high based on strong signal across modalities.

Summary

This patient shows high risk of cardiac abnormality (probability: 100.0%). The prediction is primarily based on Clinical data. Among clinical features, temp is the most influential.