

ATRIONNET CLINICAL ANALYSIS REPORT

ECG-Based Arrhythmia Detection System

PATIENT INFORMATION

Patient ID: ANON-12345
Ref. Physician: Dr. Cardiologist

EXAMINATION DETAILS

Date/Time: 2026-02-01 21:34
Report ID: ATR-022113

PRIMARY DIAGNOSIS

3RD DEGREE (COMPLETE HEART BLOCK)

Detection Confidence: 90.00%

Clinical Severity: SEVERE

QUANTITATIVE METRICS

Heart Rate

149 bpm

P:QRS Ratio

2.12

Avg PR Interval

98 ms

P-waves (Assoc)

1

P-waves (Dissoc)

33

Seg. Consistency

49.6%

DETAILED SYSTEM ANALYSIS

Wave Detection Analysis:

The model identified 34 P-waves in this ECG recording:

1 P-waves are associated with following QRS complexes

33 P-waves are dissociated (not followed by QRS)

16 QRS complexes detected

36 T-waves detected

[CRITICAL] Critical Finding: Dissociated P-waves detected, indicating potential AV block.

Segmentation confidence: 49.6%

Diagnosis: Normal Sinus Rhythm

CLINICAL RECOMMENDATIONS & URGENCY

URGENCY PROTOCOL: EMERGENCY - PACEMAKER INDICATED

• *Clinical correlation recommended.*