# ATRIONNET CLINICAL ANALYSIS REPORT

## ECG-Based Arrhythmia Detection System

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**PATIENT INFORMATION**

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

**EXAMINATION DETAILS**

Date/Time: 2026-02-01 17:59
Report ID: ATR-021756

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## PRIMARY DIAGNOSIS

### 2ND DEGREE TYPE II (MOBITZ II)

Detection Confidence: 71.12%          **Clinical Severity: UNKNOWN**

## QUANTITATIVE METRICS

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| Heart Rate | P:QRS Ratio | Avg PR Interval |
|---|---|---|
| **73 bpm** | **2.60** | **187 ms** |

| P-waves (Assoc) | P-waves (Dissoc) | Seg. Consistency |
|---|---|---|
| **8** | **18** | **60.8%** |

## DETAILED SYSTEM ANALYSIS

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Wave Detection Analysis:

The model identified 26 P-waves in this ECG recording:

8 P-waves are associated with following QRS complexes

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

10 QRS complexes detected

8 T-waves detected

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

Segmentation confidence: 60.8%

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Diagnosis: 2nd Degree AV Block Type II (Mobitz II)

Intermittent non-conducted P-waves with constant PR

Clinical Significance:

## CLINICAL RECOMMENDATIONS

• *Clinical correlation recommended.*