

# 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 13:32  
Report ID: ATR-021346

## PRIMARY DIAGNOSIS

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

Detection Confidence: 83.27%

**Clinical Severity: UNKNOWN**

## QUANTITATIVE METRICS

Heart Rate  
**45 bpm**

P:QRS Ratio  
**2.67**

Avg PR Interval  
**162 ms**

P-waves (Assoc)  
**5**

P-waves (Dissoc)  
**11**

Seg. Consistency  
**55.8%**

## DETAILED SYSTEM ANALYSIS

Wave Detection Analysis:

The model identified 16 P-waves in this ECG recording:

5 P-waves are associated with following QRS complexes

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

6 QRS complexes detected

22 T-waves detected

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

Segmentation confidence: 55.8%

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

Intermittent non-conducted P-waves with constant PR

Clinical Significance:

## CLINICAL RECOMMENDATIONS

- Clinical correlation recommended.*