

AtrionNet Clinical Report

Date: 2026-02-01 12:55

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

DIAGNOSIS: Normal sinus rhythm

Confidence: 35.4% | Severity: Unknown

Key Findings:

- P:QRS Ratio: 2.33
- Avg PR Interval: 149 ms

AI Explanation:

ECG Analysis Report

===== **Wave Detection

Analysis:** The model identified 28 P-waves in this ECG recording: - 12 P-waves are ****associated**** with following QRS complexes - 16 P-waves are ****dissociated**** (not followed by QRS) - 12 QRS complexes detected - 8 T-waves detected ⚠️ ****Critical Finding:**** Dissociated P-waves detected, indicating potential AV block. Segmentation confidence: 56.8%

----- ****Diagnosis: 2nd Degree AV Block Type II (Mobitz II)**** Intermittent non-conducted P-waves with constant PR ****Clinical Significance:**** - Severity: Moderate-Severe - Urgency: Urgent evaluation - Confidence: 35.4% ****Supporting Evidence:**** - Average PR interval: 149.3 ms (normal range) - P:QRS ratio: 2.33 (more P-waves than QRS, suggests AV block) - Heart rate: 85 bpm

----- ****Recommendations:**** 1. ****Urgent cardiology consultation**** 2. High risk of progression to complete heart block 3. Pacemaker evaluation may be indicated 4. Avoid medications that slow AV conduction

Recommendation:

Clinical correlation recommended.