

AtrionNet Clinical Report

Date: 2026-02-01 12:55

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

DIAGNOSIS: Normal sinus rhythm

Confidence: 21.3% | Severity: Unknown

Key Findings:

- P:QRS Ratio: 2.65
- Avg PR Interval: 190 ms

AI Explanation:

ECG Analysis Report

===== **Wave Detection

Analysis:** The model identified 61 P-waves in this ECG recording: - 28 P-waves are **associated** with following QRS complexes - 33 P-waves are **dissociated** (not followed by QRS) - 23 QRS complexes detected - 37 T-waves detected ⚠️ **Critical Finding:** Dissociated P-waves detected, indicating potential AV block. Segmentation confidence: 56.2%

----- **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: 21.3% **Supporting Evidence:** - Average PR interval: 190.3 ms (normal range) - P:QRS ratio: 2.65 (more P-waves than QRS, suggests AV block) - Heart rate: 151 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.