

AtrionNet Clinical Report

Date: 2026-02-01 12:53

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

DIAGNOSIS: Normal sinus rhythm

Confidence: 31.5% | Severity: Unknown

Key Findings:

- P:QRS Ratio: 2.00
- Avg PR Interval: 92 ms

AI Explanation:

ECG Analysis Report

===== **Wave Detection

Analysis:** The model identified 24 P-waves in this ECG recording: - 10 P-waves are **associated** with following QRS complexes - 14 P-waves are **dissociated** (not followed by QRS) - 12 QRS complexes detected - 24 T-waves detected ⚠️ **Critical Finding:** Dissociated P-waves detected, indicating potential AV block. Segmentation confidence: 53.0%

----- **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: 31.5% **Supporting Evidence:** - Average PR interval: 92.4 ms (normal range) - P:QRS ratio: 2.00 (more P-waves than QRS, suggests AV block) - Heart rate: 89 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.