# AtrionNet Clinical Report

Date: 2026-02-01 12:55

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

## DIAGNOSIS: 2nd degree Type II (Mobitz II)

Confidence: 86.2% | Severity: Unknown

## Key Findings:

- P:QRS Ratio: 2.75
- Avg PR Interval: 164 ms

## AI Explanation:

# ECG Analysis Report
==================================================================== **Wave Detection Analysis:** The model identified 22 P-waves in this ECG recording: - 7 P-waves are **associated** with following QRS complexes - 15 P-waves are **dissociated** (not followed by QRS) - 8 QRS complexes detected - 7 T-waves detected ⚠ **Critical Finding:** Dissociated P-waves detected, indicating potential AV block. Segmentation confidence: 60.3%
------------------------------------------------------------ **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: 86.2% **Supporting Evidence:** - Average PR interval: 164.0 ms (normal range) - P:QRS ratio: 2.75 (more P-waves than QRS, suggests AV block) - Heart rate: 62 bpm
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**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

[Attached ECG Strip & Attention Map]

## Recommendation:

*Clinical correlation recommended.*