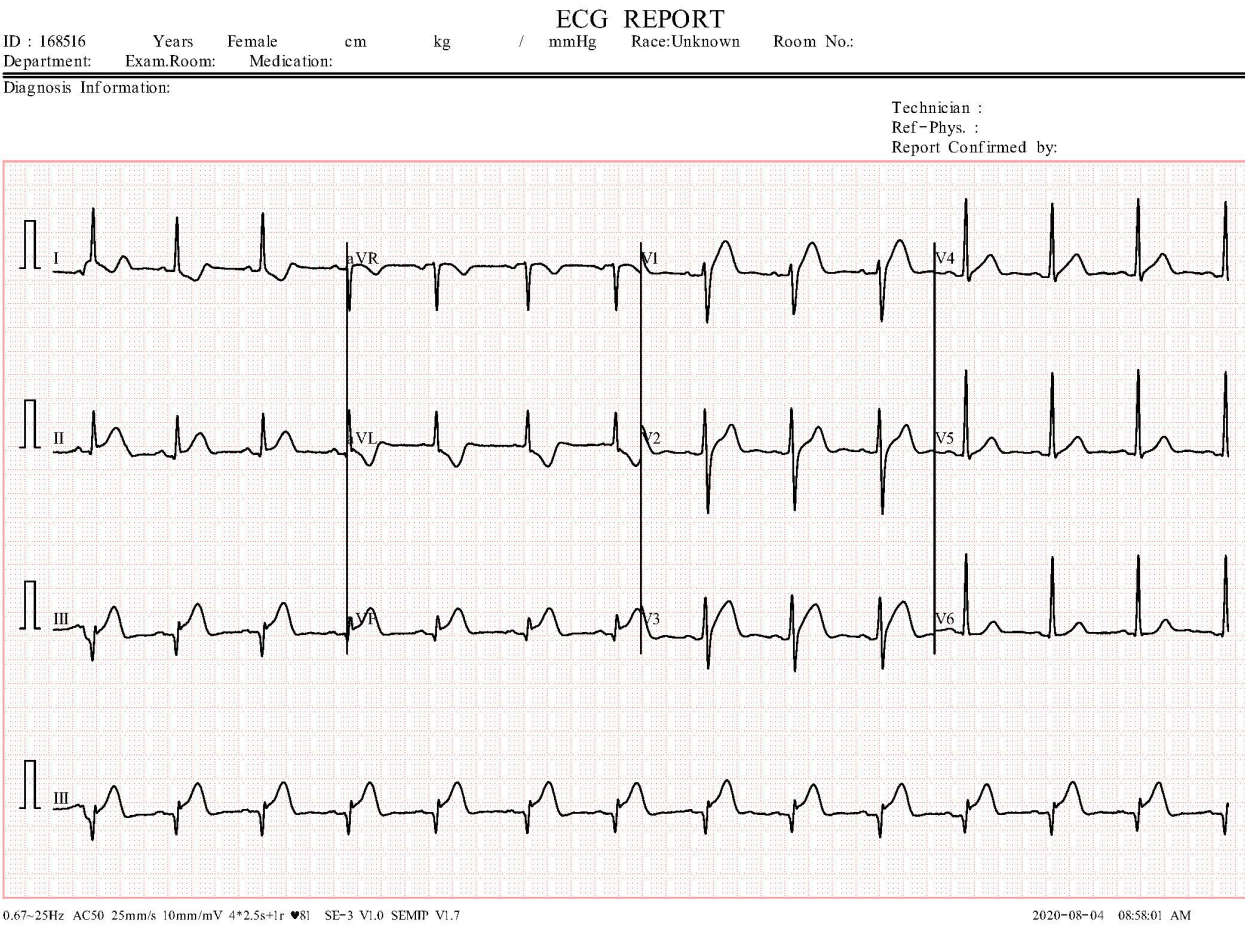
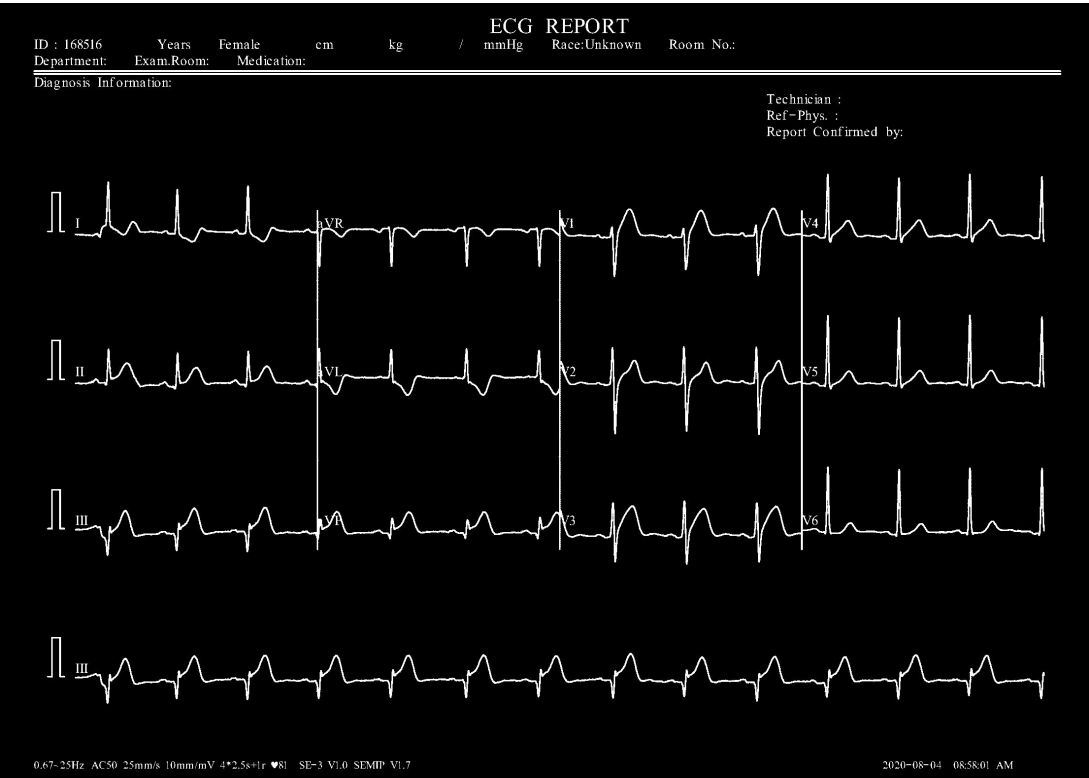


ECG Analysis Report

Uploaded ECG Image:



Preprocessed Binary Image:



ECG Analysis Details

Prediction: Myocardial Infarction

Confidence: 99.99%

Signal Quality: Poor (low contrast)

Artifact Status: Artifacts detected

Heart Rate: N/A

Pr Interval: N/A

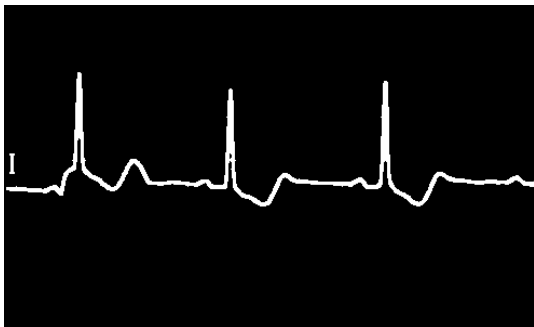
Qrs Duration: N/A

Notes: Signs of Myocardial Infarction (Heart Attack) detected. The ECG shows ST-segment elevation or pathological Q waves, indicating possible ischemic damage. Urgent medical attention is advised. Immediate intervention, such as thrombolytic therapy or PCI, may be required.

Note: Heart Rate, PR Interval, and QRS Duration are listed as 'N/A' because these measurements require precise temporal data from the raw ECG signal, which cannot be accurately extracted from a static image alone. This analysis uses a preprocessed image for classification (e.g., Normal, MI) rather than detailed waveform timing. To obtain these values, raw signal data (e.g., from an ECG device in digital format) or advanced image digitization techniques would be needed.

ECG Lead Images (2x6)

Lead I



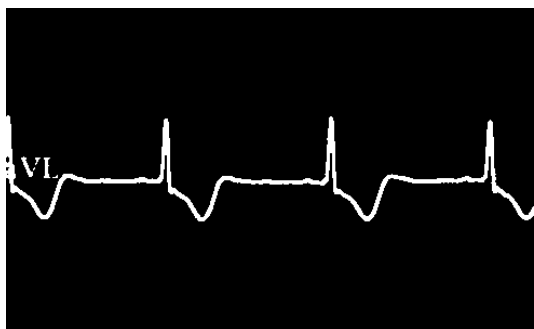
Measures from right arm (-) to left arm (+). Views the lateral wall of the left ventricle. Detects lateral infarction (e.g., LAD artery).

Lead III



Measures from left arm (-) to left leg (+). Views the inferior wall vertically. Confirms inferior infarction with Lead II.

Lead aVL



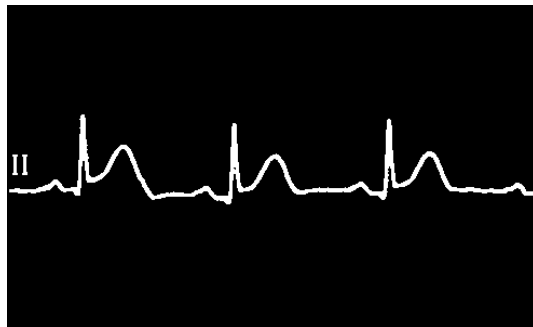
Left arm (+). Views the high lateral wall. Detects lateral infarction (e.g., circumflex artery) with Lead I.

Lead V1



4th intercostal space, right sternal border. Views the right ventricle and septum. Detects RV hypertrophy or posterior infarction.

Lead II



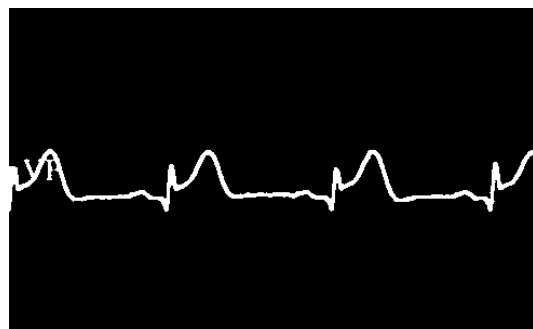
Measures from right arm (-) to left leg (+). Views the inferior wall diagonally. Ideal for rhythm analysis and inferior infarction (e.g., RCA).

Lead aVR



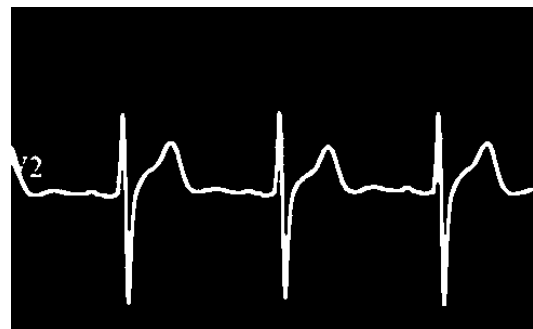
Right arm (+). Views the upper right heart. Shows reciprocal changes; useful for right-sided issues or lead misplacement.

Lead aVF



Left leg (+). Views the inferior wall vertically. Key for inferior infarction (e.g., RCA) with Leads II and III.

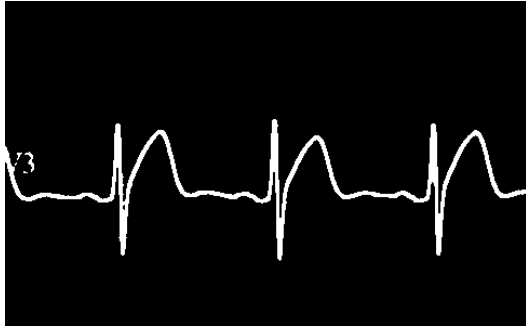
Lead V2



4th intercostal space, left sternal border. Views the septum and anterior wall. Indicates anterior infarction (e.g., LAD).

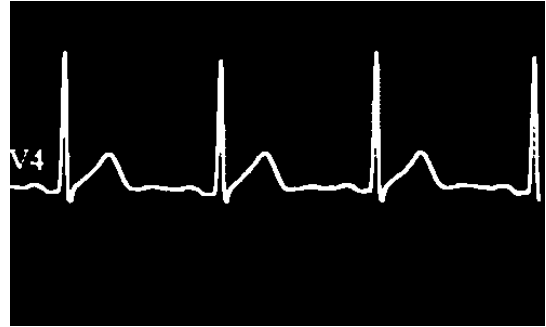
ECG Lead Images (Continued)

Lead V3



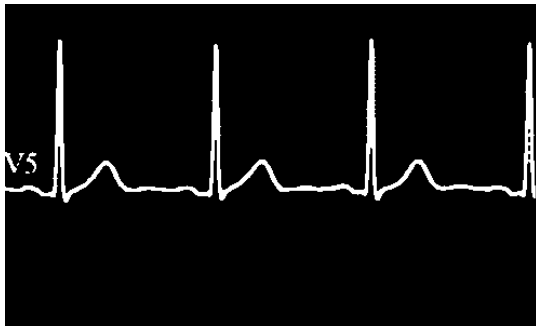
Midway between V2 and V4. Views the anterior wall. Part of anterior lead group for infarction diagnosis.

Lead V4



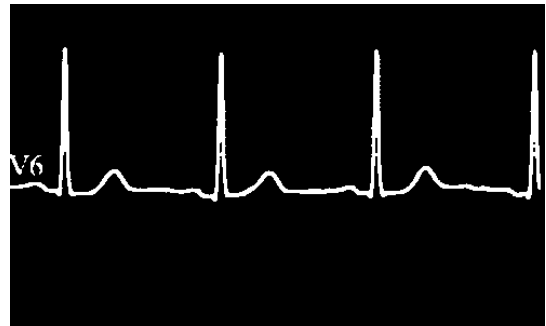
5th intercostal space, midclavicular line. Views the anterior wall and apex. Monitors apical involvement.

Lead V5



5th intercostal space, anterior axillary line. Views the low lateral wall. Detects lateral infarction with V6.

Lead V6



5th intercostal space, midaxillary line. Views the mid-lateral wall. Complements V5 for lateral wall assessment.