Cardiac Functional ECG Report

Date: 2025-04-16
Time: 12:59:44

Patient Information:
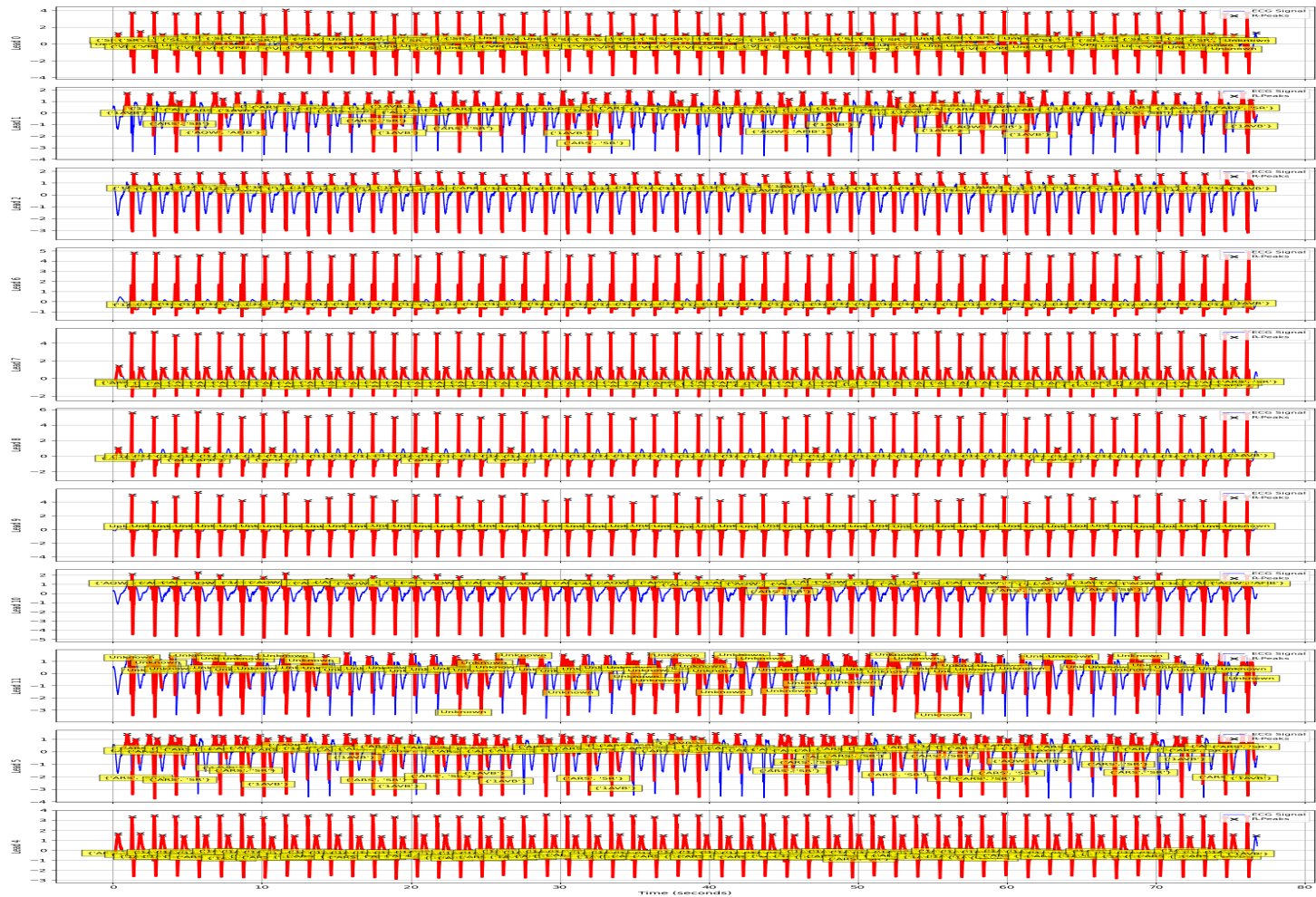
Name: Patient X

Age: 50

Gender: Male

Doctor Information:

Name: Dr. Srinivasan

Designation: Cardiologist

ECG Analysis Results:

ECG Signals with Highlighted Abnormal Beats

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Predicted Conditions:

- 1 degree atrioventricular block

Causes of 1 degree atrioventricular block:

• Aging-related degeneration of heart conduction pathways

• Medications such as beta-blockers or calcium channel blockers

• Electrolyte imbalances

• Heart infections like myocarditis

Symptoms of 1 degree atrioventricular block:

• Usually asymptomatic

• Occasional mild dizziness

• Fatigue

• Slow heart rate in some cases

Recommended Tests:

1 degree atrioventricular block:

• 24-hour Holter monitoring to assess heart rhythm abnormalities.

• Electrocardiogram (ECG) for periodic evaluation.

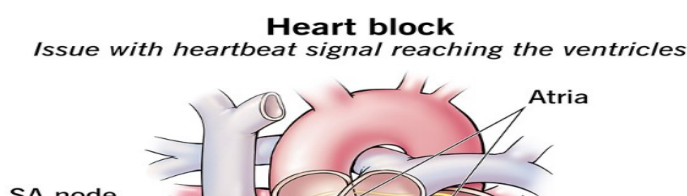• Consult a cardiologist to determine if further monitoring is needed.

Precautions for the Patient:

For 1 degree atrioventricular block:

• Regular cardiac check-ups are necessary to monitor heart function.

• Avoid excessive caffeine and alcohol as they can affect heart rhythm.

• Maintain a healthy diet and engage in light physical activity.

Disease Images:

Anatomical Changes for 1 degree atrioventricular block:

Heart block
Issue with heartbeat signal reaching the ventricles

Atria

SA node

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Disclaimer:

The detected regions in the ECG are indicative of possible cardiac diseases.

Clinical correlation with the patient's medical history and further diagnostic tests is necessary for accurate evaluation.

Doctor's Comments:

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Dr. Srinivasan

Cardiologist

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Date: