

Cardiac Functional ECG Report

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

Patient Information:

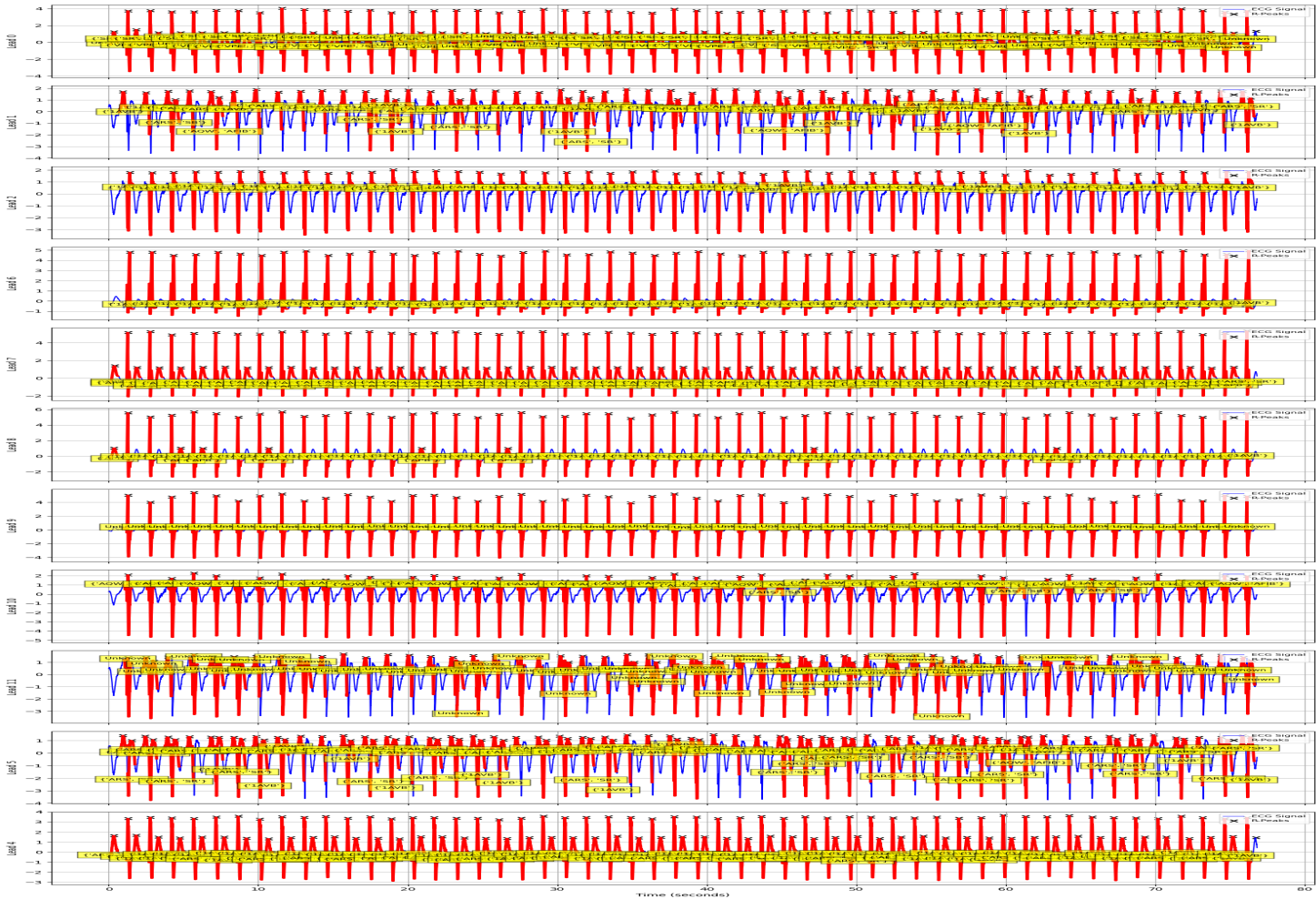
Name: Patient X
Age: 50
Gender: Male

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.

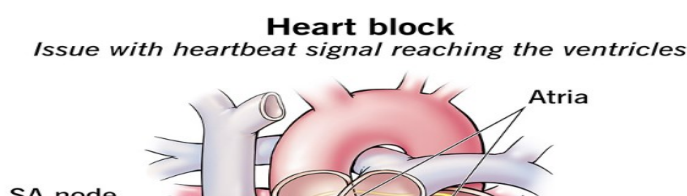
Precautions for the Patient:

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:



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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:

Dr. Srinivasan

Cardiologist
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Date: