Upload ECG Image for Analysis

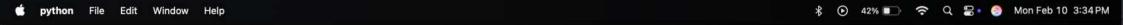




Main Category: Abnormal Heartbeat Possible Conditions:

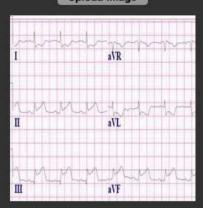
- 1. Atrial fibrillation

- Tachycardia
 Bradycardia
 Ventricular fibrillation
- 5. Premature contractions



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Upload Image



Main Category: Myocardial Infarction Possible Conditions:

- Acute Myocardial Infarction (AMI)
 STEMI
- 3. NSTEMI

- 4. Arrhythmias
 5. Heart Failure
 6. Cardiogenic Shock
 7. Ventricular Septal Defect
 8. Papillary Muscle Rupture

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Main Category: History of Myocardial Infarction Possible Conditions: 1. Pathological Q Waves 2. T Wave Inversions 3. ST Segment Changes

```
Epoch 1/10
                           21s 347ms/step - accuracy: 0.2942 - loss: 1.9648 - val accuracy: 0.2845 - val loss: 1.3729
58/58 -
Epoch 2/10
                           20s 336ms/step - accuracy: 0.3658 - loss: 1.3330 - val accuracy: 0.7047 - val loss: 0.9655
58/58 -
Epoch 3/10
58/58 -
                           19s 334ms/step - accuracy: 0.7029 - loss: 0.8252 - val accuracy: 0.8276 - val loss: 0.4821
Epoch 4/10
58/58 -
                           19s 335ms/step - accuracy: 0.8621 - loss: 0.4157 - val_accuracy: 0.8944 - val_loss: 0.2721
Epoch 5/10
                           19s 336ms/step - accuracy: 0.9296 - loss: 0.2335 - val accuracy: 0.9353 - val loss: 0.1649
58/58 -
Epoch 6/10
58/58 -
                           20s 336ms/step - accuracy: 0.9593 - loss: 0.1349 - val accuracy: 0.9547 - val loss: 0.0941
Epoch 7/10
                           19s 335ms/step - accuracy: 0.9745 - loss: 0.0725 - val_accuracy: 0.9784 - val_loss: 0.0461
58/58 -
Epoch 8/10
                           20s 337ms/step - accuracy: 0.9842 - loss: 0.0524 - val accuracy: 0.9914 - val loss: 0.0272
58/58 -
Epoch 9/10
                           19s 335ms/step - accuracy: 0.9903 - loss: 0.0374 - val_accuracy: 0.9957 - val_loss: 0.0145
58/58 -
Epoch 10/10
                          - 20s 340ms/step - accuracy: 0.9927 - loss: 0.0228 - val_accuracy: 0.9935 - val loss: 0.0096
58/58 -
19/19 - 2s - 81ms/step - accuracy: 0.9948 - loss: 0.0107
Test Accuracy: 99.48%
```