

# Patient Electronic Health Record (EHR): Atrial Fibrillation Management

## Patient Identification

Name: John Doe

DOB: 01/01/1960

Sex: Male

MRN: 00112233

Date of Admission: 02/20/2024

Presenting Complaint: Palpitations and shortness of breath

## Medical History

- Hypertension
- Diabetes Mellitus Type 2
- Previous Stroke (2019)

## Signs and Symptoms

- Heart Rate: Irregular, 110-170 bpm
- Blood Pressure: 145/85 mmHg
- Respiratory Rate: 20 breaths per minute
- Oxygen Saturation: 94% on room air
- Symptoms: Fatigue, Dizziness, Shortness of Breath, Palpitations

## Lab and Test Results

EKG: Confirmed atrial fibrillation with variable ventricular response.

Echocardiogram: Left atrial diameter 4.5 cm, Ejection Fraction (EF) 55%, no significant valvular disease.

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### **Blood Tests:**

- Complete Blood Count (CBC): Within normal limits
- Electrolytes: Sodium 140 mEq/L, Potassium 4.2 mEq/L, Calcium 9.2 mg/dL
- Thyroid Function Tests: TSH 2.5  $\mu$ IU/mL, Free T4 1.2 ng/dL
- Coagulation Profile: INR 1.1, PT 12 seconds, aPTT 30 seconds

### **Diagnosis**

Atrial Fibrillation with rapid ventricular response, without underlying structural heart disease.