

Reagan Medical Center
2878 Five Fork Trickum Road
Lawrenceville GA 30044

Echocardiogram Report

Location: **Reagan Medical Center**
Patient Name: **Bakshi, Arjun**
Referring Physician: **Satish Poddar, MD**
Interpreting Physician: **Salil Patel, M.D.**
Sonographer: **Mr. Anwar Kabani**
Indication: **Abnormal EKG.**

MRN: **396364**
DOB: **12/12/1996**
Gender: **M**
Age: **23**
BP: **127/82**

Date of Service: **1/3/2020**
Height: **70.1 in**
Weight: **171 lb**
BSA: **1.95 m²**

Study Quality: **Technically fair.**

Technique

Echocardiogram was performed conforming to the American Society of Echocardiography protocols for a complete study using 2D/M-Mode, spectral and color flow Doppler modalities in obtaining imaging, hemodynamics, measurements, and calculations.

Physician Review

Conclusions: 1. Normal left ventricular size, wall thickness, motion and systolic function with an EF of 65%.
2. No significant valvular stenosis and regurgitation.

Findings:

Left Ventricle: Normal left ventricular size, wall thickness, motion and systolic function with an EF of 65%.

Right Ventricle: Normal right ventricular size and function.

Left Atrium: Normal left atrial size.

Right Atrium: Normal right atrial size.

Mitral Valve: Normal mitral valve structure. No significant valvular stenosis and regurgitation.

Tricuspid Valve: Normal tricuspid valve structure. No significant valvular stenosis and regurgitation.

Aortic Valve: Normal aortic valve structure and function. No aortic valve regurgitation.

Pulmonic Valve: Normal pulmonic valve.

Aorta: The aortic root is normal.

Pulmonary Artery: The pulmonary artery is normal.

Pericardium: There is no significant pericardial effusion.

Electronically signed Salil Patel, M.D. 1/12/20 6:21 PM

Study Data

2D Measurements

LVIDd: **4.83 (4.2-5.9) cm**
LVIDs: **3.15 (2.1-4.0) cm**
IVSDd: **0.7 (0.6-1.0) cm**
IVSDs: **1.12 (0.7-1.1) cm**
LVPWd: **0.73 (0.6-1.0) cm**
LVPWs: **1.01 (0.9-1.4) cm**
Aortic Root: **2.82 (2.0-3.7) cm**
LA: **3.21 (3.0-4.0) cm**
LVOT Diam: **2.31 cm**

M-MODE Measurements

Mitral Valve

Peak E: **0.75 (0.6-1.3) m/s**
Peak E Grad: **2.3 mmHg**
Peak A: **0.47 (<=.7) m/s**
Peak A Grad: **0.9 mmHg**
E/A Ratio: **1.6 (.75-1.5)**

Tricuspid Valve

Peak Vel: **0.78 (.3-.7) m/s**
Peak Grad: **2.4 (<=2) mmHg**
TAPSE: **20.7 mm**

Aortic Valve

Peak: **1.33 (<=2.5) m/s**
Peak Grad: **7.1 (<=16) mmHg**
AVA(vel): **3.34 (3-5) cm²**
LVOT PV: **1.06 (0.7-1.1) m/s**
LVOT PG: **4.5 mmHg**

Pulmonic Valve

Report for Arjun Bakshi 396364 on 1/3/20

