

Study ID: 211856



**Washington Township Medical  
Foundation-Cardiology**  
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### Transthoracic Echocardiogram Report

<b>Name:</b> SINHA, ARINDAM	<b>Study Date:</b> 04/29/2025
<b>MRN:</b> 1455921	<b>Patient Location:</b> WT30
<b>Account #:</b> 10021829135	<b>Accession #:</b> 173897215
<b>DOB:</b> 05/23/1966	<b>Age:</b> 58 yrs <b>Gender:</b> Male
<b>Height:</b> 67 in	<b>Weight:</b> 151 lb <b>BSA:</b> 1.8 m <sup>2</sup>
<b>Ordering Physician:</b> BALAKRISHNAN^SANGEETHA	
<b>Referring Physician:</b> NISHIME, ROBERT	
<b>Performed By:</b> AJOLO, SEAN	
<b>Reason For Study:</b> Abnormal EKG	

#### MMode/2D Measurements & Calculations

IVSd: 1.7 cm	LVId: 3.8 cm
LVPWd: 1.3 cm	LVIDs: 2.4 cm
EF(Teich): 69.7 %	asc Aorta Diam: 3.2 cm
LVOT diam: 2.0 cm	

#### Doppler Measurements & Calculations

MV E max vel: 88.5 cm/sec	MV dec time: 0.25 sec
MV A max vel: 70.8 cm/sec	
MV E/A: 1.3	
Ao V2 max: 129.0 cm/sec	LV V1 max PG: 4.4 mmHg
Ao max PG: 6.7 mmHg	LV V1 mean PG: 3.0 mmHg
Ao mean PG: 4.0 mmHg	LV V1 max: 105.0 cm/sec
Ao V2 VTI: 25.9 cm	LV V1 VTI: 23.3 cm
AVA(LD): 2.8 cm <sup>2</sup>	
AVA(VD): 2.6 cm <sup>2</sup>	
MV P1/2t-pr_phl: 72.0 msec	

**Procedure:** The study quality was technically adequate.

**Left Ventricle:** The left ventricle is normal in size. There is moderate asymmetric left ventricular hypertrophy. The LV ejection fraction estimate is 60-65%. Normal left ventricular systolic, and diastolic function with normal wall motion.

**Right Ventricle:** The right ventricle is normal in size and function.

**Atria:** Normal sized atria. There is no Doppler evidence for an atrial septal defect.

**Mitral Valve:** The mitral valve is normal in structure and function.

**Aortic Valve:** The aortic valve is normal in structure and function.

**Tricuspid Valve:** Insufficient TR to determine PASP.

**Pulmonic Valve:** There is a trace or physiologic amount of pulmonic regurgitation.

**Great Vessels:** The aortic root is normal size. The inferior vena cava appeared normal.

**Pericardium/ Pleura:** There is no pericardial effusion.

**Interpretation Summary**

Normal left ventricular systolic, and diastolic function with normal wall motion.

The LV ejection fraction estimate is 60-65%.

There is moderate asymmetric left ventricular hypertrophy.

Insufficient TR to determine PASP.

There is a trace or physiologic amount of pulmonic regurgitation.

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**Reading Physician:** Electronically signed by: **SANGEETHA BALAKRISHNAN, M.D.** on 04/30/2025 02:05 PM