



# Dr. Amit Gupta's HEART SUPER-SPECIALITY CENTRE

Behind Pantaloons Show Room, Near Shani Dev Mandir, Dalhousie Road, Pathankot

DR. [REDACTED]

M.D. (Medicine), D.M. (Cardiology), (FESC), (FSCAI)  
PMC Regn. No. - 47564

Ph: [REDACTED]

## ECHO CARDIOGRAPHY REPORT

NAME: Mr. [REDACTED]

Age/Sex: [REDACTED]

Referring Diagnosis: -----

DATE: 25/02/2025

Referred by: Dr. [REDACTED]

Echo window: GOOD

DIMENSIONS	MEASURING	NORMAL
AO	37mm	(1.2 – 2.2cm/m <sup>2</sup> )
LA	37mm	(1.2 – 2.2 cm/m <sup>2</sup> )
IVS (Diast)	13mm	(6 -- 11mm)
LVID (Diast)	49mm	(24 – 32 mm/m <sup>2</sup> )
LVPW (Diast)	13mm	(6 -- 11 mm)
IVS (Syst)	18mm	(6 -- 20 mm)
LVID (Syst)	30mm	(14 – 26 mm/m <sup>2</sup> )
LVPW (Syst)	15mm	(8 -- 30 mm)
LVEF	68%	(50 – 75 %)
Visual LVEF	65-70%	(50 – 75 %)
LVFS	38%	(25 – 45 %)

## MORPHOLOGICAL DATA

MITRAL VALVE	: NORMAL	INTERATRIAL SEPTUM	: INTACT
AORTIC VALVE	: NORMAL	INTERVENTRICULAR SEPTUM	: INTACT
TRICUSPID VALVE	: NORMAL	PULMONARY ARTERY	: NORMAL
PULMONARY VALVE	: NORMAL	AORTIC ROOT	: NORMAL
RIGHT VENTRICLE	: NORMAL	RIGHT ATRIUM	: NORMAL
LEFT VENTRICLE	: Conc. LVH	LEFT ATRIUM	: NORMAL



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Ph: 8872917197

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DATE: 25/02/2025

### ECHOCARDIOGRAPHY AND COLOUR DOPPLER FINDINGS:

Mitral valve is normal. Aortic valve is normal. LA is normal. **LV shows concentric LVH.** LV systolic function is normal. **LVEF 65-70%.** No LV RWMA. End systolic volumes & End Diastolic volumes are normal. RA is normal. RV is normal. **TAPSE=21mm.** Pericardium and pericardial space is normal.

### COLOUR FLOW MAPPING

- \* No significant valvular regurgitation

### DOPPLER STUDIES:

- \*  $MVIV = E / A = 0.50/0.84$  m/s.
- \* Aortic flow velocity = 1.17 m/s.
- \* Pulmonary flow velocity = 1.22 m/s.
- \*  $RVSP=12+RAP$

### FINALREPORT

- \* Concentric LVH
- \* No LV RWMA
- \* Normal LV systolic function. **LVEF 65-70%**
- \* Grade I diastolic dysfunction
- \* No thrombus.

DR. [REDACTED]

D.M (CARDIOLOGY)  
Regd. No. P.M.C.47564

Dr. [REDACTED]

MD, DM (CARDIOLOGY), FESC, FSCAI