

Patient Name	: Mr. MOHD NASIR	Visit No	: CHA250033613
Age/Gender	: 50 Y O M O D /M	Registration ON	: 25/Feb/2025 05:23AM
Lab No	: 10130909	Sample Collected ON	: 25/Feb/2025 05:23AM
Referred By	: Dr.KALYAN MULLICK	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 25/Feb/2025 10:22AM

2D- ECHO & COLOR DOPPLER REPORT

1. MITRAL VALVE STUDY : MVOA - Normal (perimetry) cm2 (PHT)

Anterior Mitral Leaflet:

- (a) Motion: Normal (b) Thickness : Normal (c) DE : 1.7 cm.
(d) EF : 79 mm/sec (e) EPSS : 06 mm (f) Vegetation : -
(g) Calcium : -

Posterior mitral leaflet : Normal

- (a). Motion : Normal (b) Calcium: - (c) Vegetation : -
Valve Score : Mobility /4 Thickness /4 SVA /4
Calcium /4 Total /16

2. AORTIC VALVE STUDY

- (a) Aortic root : 3.6cms (b) Aortic Opening : 2.3cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid, Normal

3. PULMONARY VALVE STUDY

- (a) EF Slope : - (b) A Wave : + (c) MSN : -
(D) Thickness : (e) Others :

4. TRICUSPID VALVE : Normal

5. SEPTAL AORTIC CONTINUITY 6. AORTIC MITRAL CONTINUITY

- Left Atrium : 4.2 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.4 cm (s) 1.7 cm

Motion : normal

LVPW (D) 1.4cm (s) 2.0 cm

Motion : Normal

LVID (D) 4.3 cm (s) 2.9 cm

Ejection Fraction :61%

Fractional Shortening : 32 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT

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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 0.7 a = 0.5	Normal	-	-	-
AORTIC	0.7	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.6	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 61 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

OPINION – CONCENTRIC LVH

DR. PANKAJ RASTOGI MD.DM



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SKIAGRAM CHEST PA VIEW

- Both lung fields show increased vascular markings.
- Bilateral hilar shadows are prominent.
- Cardiac shadow is at upper limits of normal.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.

IMPRESSION:

- **BRONCHITIS.**

ADV: CARDIAC EVALUATION .

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

TRANSCRIBED BY: ANUP

CHARAK

*** End Of Report ***

