

Patient Name	: Ms.KUMUD JOSHI	Visit No	: CHA250034601
Age/Gender	: 63 Y/F	Registration ON	: 26/Feb/2025 10:40AM
Lab No	: 10131897	Sample Collected ON	: 26/Feb/2025 10:40AM
Referred By	: Dr.P2	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 26/Feb/2025 11:49AM

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 : 1.4 cm.
- (d) EF : 47 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 : 2.6cms (b) Aortic Opening : 1.1cms (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**

Left Atrium : 3.1 cms
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.3 cm

LVPW (D) 1.0cm (s) 1.9 cm

LVID (D) 4.5 cm (s) 3.0cm

Motion : normal

Motion : Normal

Ejection Fraction :62%

Fractional Shortening : 33 %

Parasternal Long axis view :

TOMOGRAPHIC VIEWS

NORMAL LV RV DIMENSION
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

CHARAK



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PERICARDIUM
Normal
DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.8 a = 1.1	a > e	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 62%
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI MD.DM

*** End Of Report ***

CHARAK

