

Patient Name : Mr. TARKESHWAR SINGH Visit No : CHA250038083  
Age/Gender : 67 Y/M Registration ON : 03/Mar/2025 11:49AM  
**Lab No : 10135378** Sample Collected ON : 03/Mar/2025 11:49AM  
Referred By : Dr. RDSO LUCKNOW Sample Received ON :  
Refer Lab/Hosp : RDSO LUCKNOW Report Generated ON : 03/Mar/2025 12:45PM

**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 : 1.6 cm.  
(d) EF : 77mm/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 : 3.1cms (b) Aortic Opening : 2.0cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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 : 2.5 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)  
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cm (s) 1.4 cm

LVPW (D) 1.1cm (s) 1.6 cm

LVID (D) 5.0cm (s) 3.1 cm

Motion : normal

Motion : Normal

Ejection Fraction :67%

Fractional Shortening : 37 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

NORMAL LV RV DIMENSION  
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL  
**PV - NORMAL**  
TV - NORMAL

MV - NORMAL

Mitral valve level :

Papillary Muscle Level : NO RWMA

Apical 4 chamber View : No LV CLOT



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

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 67 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY**

**DR. PANKAJ RASTOGI, MD,DM**

\*\*\* End Of Report \*\*\*

