

Patient Name : Ms.RANNO SRIVASTAVA Visit No : CHA250040957  
Age/Gender : 62 Y/F Registration ON : 07/Mar/2025 09:24AM  
**Lab No : 10138252** Sample Collected ON : 07/Mar/2025 09:24AM  
Referred By : Dr.PANKAJ RASTOGI Sample Received ON :  
Refer Lab/Hosp : CHARAK NA Report Generated ON : 07/Mar/2025 11:33AM

**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 :25mm/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 :2.5cms (b) Aortic Opening :1.5cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -  
(g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

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

4. **TRICUSPID VALVE :**

Normal

5. **SEPTAL AORTIC CONTINUITY**

Left Atrium : 3.5 cms  
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : - Others :  
Clot : - Others : -

Contd.....

CHARAK



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

RVD (D)  
RVOT

**LEFT VENTRICLE** :

LVIVS (D) 1.3 cm (s) 2.2cm

LVPW (D) 1.3cm (s) 1.5 cm

LVID (D) 4.3 cm (s) 2.6 cm

Motion : normal

Motion : Normal

Ejection Fraction : 71%

Fractional Shortening : 40 %

**Parasternal Long axis view** :

**TOMOGRAPHIC VIEWS**

LEFT VENTRICULAR HYPERTROPHY  
GOOD LV CONTRACTILITY.

**Short axis view**

**Aortic valve level** :

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

**Mitral valve level** :

MID POSTERIOR , BASAL POSTERIOR LV THIN & HYPOKINETIC

**Papillary Muscle Level** :

**Apical 4 chamber View** :

No LV CLOT  
NO P E

Contd.



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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 = 0.9	a > e	Trivial	-	-
<b>AORTIC</b>	<b>1.1</b>	<b>Normal</b>	<b>1</b>	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

**COLOUR DOPPLER**

TRIVIAL MR  
GR I/IV AR

**CONCLUSIONS** :

- LEFT VENTRICULAR HYPERTROPHY
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 71 %
- MID POSTERIOR , BASAL POSTERIOR LV THIN & HYPOKINETIC
- TRIVIAL MR
- MILD AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION** – RCA TERRITORY HYPOKINETIC

DR. PANKAJ RASTOGI, MD,DM

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

