

Patient Name	: Ms. ZAKIYA	Visit No	: CHA250035002
Age/Gender	: 30 Y/F	Registration ON	: 26/Feb/2025 06:11PM
Lab No	: 10132298	Sample Collected ON	: 26/Feb/2025 06:11PM
Referred By	: Dr. RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 26/Feb/2025 06:41PM

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 :** 135 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 :** 2.8cms (b) **Aortic Opening :** 1.6cms (c) **Closure:** Central
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

(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 : 2.2 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.7 cm (s) 1.3cm

Motion : normal

LVPW (D) 0.6cm (s) 1.2 cm

Motion : Normal

LVID (D) 4.3 cm (s) 2.5 cm

Ejection Fraction :72%

Fractional Shortening : 41 %

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

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 = 0.9 a = 0.4	Normal	-	-	-
AORTIC	1.3	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 = 72 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

