

Patient Name	: Ms. SHAKEENA	Visit No	: CHA250043605
Age/Gender	: 17 Y/F	Registration ON	: 11/Mar/2025 09:59AM
Lab No	: 10140900	Sample Collected ON	: 11/Mar/2025 09:59AM
Referred By	: Dr. RR SHUKLA	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 11/Mar/2025 10:49AM

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** 2.0 cm.
(d) **EF** :70 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** :2.2cms (b) **Aortic Opening** :1.6cms (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** : 2.8cms **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) 1.0cm

Motion : normal

LVPW (D) 0.9cm (s) 1.6 cm

Motion : Normal

LVID (D) 3.9 cm (s) 2.0cm

Ejection Fraction :78 %

Fractional Shortening :46%

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
NO P E

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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 = 0.5	Normal	-	-	-
AORTIC 1.3	Normal	-	-	-
TRICUSPID 0.4	Normal	-	-	-
PULMONARY 1.1	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 78 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. PANKAJ RASTOGI, MD,DM



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*** End Of Report ***

