

Patient Name	: Dr. SHAILY NIGAM	Visit No	: CHA250045022
Age/Gender	: 38 Y/F	Registration ON	: 13/Mar/2025 10:01AM
Lab No	: 10142317	Sample Collected ON	: 13/Mar/2025 10:01AM
Referred By	: Dr. PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 13/Mar/2025 10:37AM

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 87 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 : 2.3cms (b) Aortic Opening : 1.4cms (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 : 3.1 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.0 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.1cm (s) 2.8 cm

Ejection Fraction :58%

Fractional Shortening :30%

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 = 0.8 a = 0.6	Normal	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	1	-	-
PULMONARY	0.7	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR I/IV TR

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 58 %
- NO RWMA
- MILD TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

