

Patient Name	: Ms.SAIRA	Visit No	: CHA250039455
Age/Gender	: 60 Y/F	Registration ON	: 05/Mar/2025 09:07AM
Lab No	: 10136750	Sample Collected ON	: 05/Mar/2025 09:07AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 05/Mar/2025 11:56AM

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 :** 1.3 cm.
(d) **EF** 44 mm/sec (e) **EPSS :** 24 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 :** 3.0cms (b) **Aortic Opening** 1.1cms (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 : 2.6 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) 1.0 cm

Motion : normal

LVPW (D) 1.2cm (s) 2.0 cm

Motion : Normal

LVID (D) 5.1 cm (s) 4.1cm

Ejection Fraction :39%

Fractional Shortening : 19 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

LV DIMENSION WITH IN NORMAL LIMITS
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

ABNORMAL JERKY HYPOKINETIC IVS MOTION
ABNORMAL ELECTRICAL ACTIVATION OF LV

Papillary Muscle Level :

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 = 0.7 a = 1.0	a > e	-	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- LV DIMENSION WITH IN NORMAL LIMITS
- POOR LV SYSTOLIC FUNCTION
- LVEF = 39 %
- ABNORMAL JERKY HYPOKINETIC IVS MOTION
- ABNORMAL ELECTRICAL ACTIVATION OF LV (LBBB)
- a > e, DIASTOLIC DYSFUNCTION
- NO MR/ TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSSION

OPINION – CARDIOMYOPATHY ? ISCHEMIC WITH LBBB

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***

