

Patient Name	: Ms.SAIRA	Visit No	: CHA250044043
Age/Gender	: 60 Y/F	Registration ON	: 11/Mar/2025 04:08PM
Lab No	: 10141338	Sample Collected ON	: 11/Mar/2025 04:08PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 11/Mar/2025 05:57PM

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 : 1.1 cm.
(d) EF : 57 mm/sec (e) EPSS : 12 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 : 2.4 cms (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 : 3.6 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.0 cm

LVPW (D) 0.8cm (s) 0.9 cm

LVID (D) 4.5 cm (s) 4.0 cm

Motion : normal

Motion : Normal

Ejection Fraction : 26%

Fractional Shortening : 12 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED LA
POOR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

GLOBAL HYPOKINESIA OF LV

Apical 4 chamber View :

No LV CLOT

CHARAK



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PERICARDIUM					
Normal					
DOPPLER STUDIES					
Velocity (m/sec)	Flow (/4)	pattern	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL e = 1.0 a = 0.3	Normal	2	-	-	-
AORTIC 1.2	Normal	-	-	-	-
TRICUSPID 0.4	Normal	1	-	-	-
PULMONARY 0.5	Normal	-	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR II/IV MR
GR I/IV TR

CONCLUSIONS :

- DILATED LA
- POOR LV SYSTOLIC FUNCTION
- LVEF = 26 %
- GLOBAL HYPOKINESIA OF LV
- MODERATE MR
- MILD TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – ? ISCHEMIC CARDIOMYOPATHY

DR. RAJIV RASTOGI, MD,DM



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SKIAGRAM CHEST PA VIEW

- Non homogenous opacities are in both lower zones (more on left side)...? Infective.
- Bilateral hilar shadows are normal.
- Cardiac shadow is within normal limits.
- Both CP angles are clear.
- Soft tissue and bony cage are seen normally.
- Both domes of diaphragm are sharply defined.

Clinical correlation is necessary.

[DR. K K SINGH , RADIOLOGIST]

[DR. R.K SINGH , MD]

*** End Of Report ***

