

Patient Name	: Mr.ASHOK SINGH	Visit No	: CHA250034027
Age/Gender	: 45 Y/M	Registration ON	: 25/Feb/2025 01:23PM
Lab No	: 10131323	Sample Collected ON	: 25/Feb/2025 01:23PM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 25/Feb/2025 04:19PM

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 : 1.9 cm.**
(d) **EF : 103mm/sec** (e) **EPSS : 04 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 : 3.3cms** (b) **Aortic Opening : 2.5cms** (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**

Left Atrium : 3.1 cms
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.0 cm (s) 1.5 cm

Motion : normal

LVPW (D) 1.0cm (s) 1.6 cm

Motion : Normal

LVID (D) 4.3 cm (s) 2.5 cm

Ejection Fraction :70%

Fractional Shortening : 40 %

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

CHARAK



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PERICARDIUM

Normal

DOPPLER STUDIES

Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL e = 0.6 a = 0.4	Normal	-	-	-
AORTIC 1.0	Normal	-	-	-
TRICUSPID 0.3	Normal	-	-	-
PULMONARY 0.9	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF =70 %
- 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 ***



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