

Patient Name : Ms.POONAM SINGH Visit No : CHA250043281  
Age/Gender : 48 Y/F Registration ON : 10/Mar/2025 04:58PM  
**Lab No : 10140576** Sample Collected ON : 10/Mar/2025 04:58PM  
Referred By : Dr.ESIC HOSPITAL LUCKNOW Sample Received ON :  
Refer Lab/Hosp : ESIC HOSPITAL LUCKNOW Report Generated ON : 10/Mar/2025 07:08PM

**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 : 64 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 : 3.0cms (b) Aortic Opening : 2.0cms (c) Closure: Central  
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

(a) EF Slope : - Normal (b) A Wave : + (c) MSN : -  
(D) Thickness : (e) Others :

4. **TRICUSPID VALVE** :

Normal

5. **SEPTAL AORTIC CONTINUITY**

6. **AORTIC MITRAL CONTINUITY**

Left Atrium : 2.3 cms  
Right Atrium : Normal

Clot : - Others :  
Clot : - Others : -

Contd.....

CHARAK



|                |                            |                     |                       |
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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

RVD (D)  
RVOT

**LEFT VENTRICLE** :

LVIVS (D) 0.8 cm (s) 1.3 cm

LVPW (D) 0.7cm (s)1.3 cm

LVID (D) 3.8 cm (s) 2.3 cm

Motion : normal

Motion : Normal

Ejection Fraction :69%

Fractional Shortening : 39 %

**Parasternal Long axis view** :

**TOMOGRAPHIC VIEWS**

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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Contd.



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**PERICARDIUM**  
Normal  
**DOPPLER STUDIES**

|                           | Velocity<br>(m/sec) | Flow pattern<br>( /4) | Regurgitation | Gradient<br>(mm Hg) | Valve area<br>(cm 2) |
|---------------------------|---------------------|-----------------------|---------------|---------------------|----------------------|
| MITRAL e = 0.8<br>a = 0.6 |                     | Normal                | -             | -                   | -                    |
| <b>AORTIC 1.3</b>         |                     | <b>Normal</b>         | -             | -                   | -                    |
| TRICUSPID 0.3             |                     | Normal                | -             | -                   | -                    |
| PULMONARY 1.0             |                     | Normal                | -             | -                   | -                    |

OTHER HAEMODYNAMIC DATA

**COLOUR DOPPLER**

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

**CONCLUSIONS** :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 69 %
- 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 \*\*\*

CHARAK

