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|----------------|--------------------|---------------------|------------------------|
| Patient Name | : Ms.MILAN RAJPOOT | Visit No | : CHA250042751 |
| Age/Gender | : 35 Y/F | Registration ON | : 10/Mar/2025 09: 25AM |
| Lab No | : 10140046 | Sample Collected ON | : 10/Mar/2025 09: 25AM |
| Referred By | : Dr.AK SHADRA | Sample Received ON | : |
| Refer Lab/Hosp | : CHARAK NA | Report Generated ON | : 10/Mar/2025 12: 35PM |

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 :** 1.6 cm.
(d) **EF :** 69 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 :** 1.5cms (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** 6. **AORTIC MITRAL CONTINUITY**

- Left Atrium :** 4.0cms **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) 0.9 cm

Motion : normal

LVPW (D) 0.8cm (s) 1.1 cm

Motion : Normal

LVID (D) 5.5 cm (s) 4.9cm

Ejection Fraction :23%

Fractional Shortening : 10 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

MILDLY DILATED LV
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



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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 = - | Normal | 2 | - | - | - |
| AORTIC | 0.7 | Normal | - | - | - | - |
| TRICUSPID | 0.4 | Normal | 1 | - | - | - |
| PULMONARY | 0.5 | Normal | 1 | - | - | - |

OTHER HAEMODYNAMIC DATA

TR peak vel = 2.8m/sec ; RV-RA PSG =31mmHg ; Expected PASP = 41 mmHg

COLOUR DOPPLER

GR II/IV MR
GR I / IV TR
GR I / IV PR

CONCLUSIONS :

- MILDLY DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 23 %
- GLOBAL HYPOKINESIA OF LV
- MODERATE MR
- MILD TR
- MILD PR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – DILATED CARDIOMYOPATHY

DR. PANKAJ RASTOGI, MD,DM

*** End Of Report ***



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