

Patient Name	: Ms.KHAIRUN NISHA	Visit No	: CHA250044488
Age/Gender	: 45 Y/F	Registration ON	: 12/Mar/2025 11:23AM
<b>Lab No</b>	<b>: 10141783</b>	Sample Collected ON	: 12/Mar/2025 11:23AM
Referred By	: Dr.KALYAN MULLICK	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 12/Mar/2025 12:12PM

**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 : 80 mm/sec (e) EPSS : 20 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 : 3.1cms (b) Aortic Opening : 1.8cms (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 : 3.3 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

**RIGHT VENTRICLE** : Normal

**RVD (D)**  
**RVOT**

**LEFT VENTRICLE** :

**LVIVS (D)** 1.0 cm (s) 1.1 cm

**Motion** : normal

**LVPW (D)** 1.1cm (s) 1.4 cm

**Motion** : Normal

**LVID (D)** 5.4 cm (s) 4.5 cm

**Ejection Fraction** :34%

**Fractional Shortening** : 16 %

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

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 = 0.8 a = 0.6	Normal	Trivial	-	-
AORTIC	1.2	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

TRIVIAL MR

**CONCLUSIONS :**

- MILDLY DILATED LV
- POOR LV SYSTOLIC FUNCTION
- LVEF = 34 %
- GLOBAL HYPOKINESIA OF LV
- TRIVIAL MR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

**OPINION – DILATED CARDIOMYOPATHY**

**DR. PANKAJ RASTOGI, MD,DM**



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**ULTRASOUND STUDY OF WHOLE ABDOMEN**

- **Liver** is mildly enlarged in size, and shows homogenously increased echotexture of liver parenchyma. No intrahepatic biliary radicle dilatation is seen. No space occupying lesion is seen. Hepatic veins and IVC are seen normally.
- **Gall bladder** is not visualized [ post cholecystectomy ] .
- **CBD** is normal at porta. No obstructive lesion is seen.
- **Portal vein** Portal vein is normal at porta.
- **Pancreas** is normal in size and shows homogenous echotexture of parenchyma. PD is not dilated. No parenchymal calcification is seen. No peripancreatic collection is seen.
- **Spleen** is normal in size and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen.
- No ascites is seen.
- **Both kidneys** are normal in size and position. No hydronephrosis is seen. No calculus or mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 95 x 41 mm in size. Left kidney measures 96 x 43 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is normal in contour with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- **Uterus** is atrophic . Endometrial thickness measures 3.0 mm. No endometrial collection is seen. No mass lesion is seen.
- No adnexal mass lesion is seen.

**OPINION:**

**MILD HEPATOMEGALY WITH FATTY INFILTRATION LIVER GRADE I .**

**Clinical correlation is necessary.**

**[DR. R. K. SINGH, MD]**

transcribed by: anup

\*\*\* End Of Report \*\*\*

