

Patient Name	: Mr.CHABBAN ALI	Visit No	: CHA250041678
Age/Gender	: 52 Y/M	Registration ON	: 08/Mar/2025 10:43AM
<b>Lab No</b>	<b>: 10138973</b>	Sample Collected ON	: 08/Mar/2025 10:43AM
Referred By	: Dr.B HOPE HOSPITAL **	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 08/Mar/2025 11:54AM

**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 :** 1.8 cm.  
(d) **EF** 48 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** :2.9cms (b) **Aortic Opening** :1.7cms (c) **Closure:** Central  
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

(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 :3.7 cms Clot : - Others :  
Right Atrium : Normal Clot : - Others : -

Contd.....



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**VENTRICLES**

**RIGHT VENTRICLE** : Normal

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

**LEFT VENTRICLE** :

**LVIVS (D)** 1.1 cm (s) 1.9 cm

**Motion** : normal

**LVPW (D)** 0.8cm (s) 1.7 cm

**Motion** : Normal

**LVID (D)** 4.9 cm (s) 3.0 cm

**Ejection Fraction** : **68%**

**Fractional Shortening** : **38 %**

**TOMOGRAPHIC VIEWS**

**Parasternal Long axis view** :

MILD CONCENTRIC LVH  
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



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**PERICARDIUM**

Normal

**DOPPLER STUDIES**

	Velocity (m/sec)	Flow pattern ( /4)	Regurgitation	Gradient (mm Hg)	Valve area (cm <sup>2</sup> )
MITRAL	e = 1.0 a = 1.0	Normal	-	-	-
AORTIC	1.6	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.5	Normal	-	-	-

**OTHER HAEMODYNAMIC DATA**

**COLOUR DOPPLER**

**NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE**

**CONCLUSIONS :**

- MILD CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 68 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

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



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### ULTRASOUND STUDY OF WHOLE ABDOMEN

- **Liver** is mildly small in size (~134mm) and shows mild coarsed echotexture of liver parenchyma with subtle surface nodularity. No intrahepatic biliary radicle dilatation is seen. No space occupying lesion is seen. Hepatic veins and IVC are seen normally.
- **Gall bladder** is normal in size and shows anechoic lumen. No calculus / mass lesion is seen. **GB wall is diffusely edematous.**
- **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 mildly enlarged in size (~122mm) and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen.
- **Moderate to gross ascites is seen.**
- **Right kidney** is normal in size and position. **Moderate hydronephrosis is seen. A calculus is seen at mid pole measuring approx 8.7mm.** No mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 95 x 47 mm in size.
- **Left kidney** is 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. Left kidney measures 91 x 42 mm in size.
- **Ureters** Right ureter is moderately dilated. Few (2 in no.) calculi are seen in right proximal and mid ureter measuring approx 8.1mm in right proximal and 11.6mm mid ureter. Left ureter is not dilated. UVJ are seen normally.
- **Urinary bladder** is not distended.

#### OPINION:

- **MILDLY SMALL IN SIZE OF LIVER WITH MILD COARSE ECHOTEXTURE OF LIVER PARENCHYMA WITH SUBTLE SURFACE NODULARITY WITH MILD SPLENOMEGALY WITH DIFFUSE EDEMATOUS GB WALL WITH MODERATE TO GROSS ASCITES – CHRONIC LIVER DISEASE** (ADV: LFT & FIBRO SCAN).
- **RIGHT RENAL CALCULI WITH RIGHT PROXIMAL & MID URETERIC CALCULI WITH MODERATE HYDROURETERONEPHROSIS.**

**Clinical correlation is necessary.**

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

Transcribed by Gausiya

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

