

Patient Name	: Mr.RAM SWAROOP PAL	Visit No	: CHA250036035
Age/Gender	: 70 Y/M	Registration ON	: 28/Feb/2025 10:42AM
Lab No	: 10133331	Sample Collected ON	: 28/Feb/2025 10:42AM
Referred By	: Dr.HERBAL HOSPITAL	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 28/Feb/2025 12:20PM

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** 54 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** :3.4cms (b) **Aortic Opening** :1.9cms (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 : 2.6 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) 1.2cm

Motion : normal

LVPW (D) 0.8cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.0 cm (s) 2.3 cm

Ejection Fraction :73%

Fractional Shortening : 41 %

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



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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 = 0.8	a > e	-	-	-
AORTIC	1.1	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	0.8	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- NORMAL LV RV DIMENSION
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 73 %
- NO RWMA
- a > e
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

DR. PANKAJ RASTOGI, MD,DM

CHARAK



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ULTRASOUND STUDY OF WHOLE ABDOMEN

Excessive gaseous abdomen

- **Liver** is mildly enlarged in size (~158mm) and shows 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 normal in size and shows anechoic lumen. No calculus / mass lesion is seen. GB walls are not thickened.
- **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. **Concretions are seen at mid pole in both kidneys measuring approx 3.0mm in right kidney and 2.9mm in left kidney.** No mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 102 x 38 mm in size. Left kidney measures 104 x 49 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.
- Bilateral seminal vesicles are seen normally.
- **Prostate** is enlarged in size measures 37 x 38 x 31 mm with weight of 23 gms and shows homogenous echotexture of parenchyma. No mass lesion is seen.
- **Post void residual urine volume - Nil.**

OPINION:

- **MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I.**
- **BILATERAL RENAL CONCRETIONS.**
- **PROSTATOMEGALY GRADE-I.**

(Possibility of acid peptic disease could not be ruled out).

Clinical correlation is necessary.

[DR. R. K. SINGH, MD]

Report typed by GAUSIYA

*** End Of Report ***

