

Patient Name	: Mr.VINAY KUMAR	Visit No	: CHA250034960
Age/Gender	: 30 Y/M	Registration ON	: 26/Feb/2025 04:34PM
Lab No	: 10132256	Sample Collected ON	: 26/Feb/2025 04:34PM
Referred By	: Dr.DEEPAK DEEWAN	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 26/Feb/2025 05:26PM

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 : 1.7 cm.
(d) EF : 105mm/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 : 3.2 cms (b) Aortic Opening : 2.0cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -
(g) Valve Structure : Tricuspid,

3. **PULMONARY VALVE STUDY**

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

4. **TRICUSPID VALVE** :

Normal

5. **SEPTAL AORTIC CONTINUITY**

Left Atrium : 2.7 cms
Right Atrium : Normal

6. **AORTIC MITRAL CONTINUITY**

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) 1.2cm

LVPW (D) 0.8cm (s) 1.6 cm

LVID (D) 4.7 cm (s) 3.0 cm

Motion : normal

Motion : Normal

Ejection Fraction :66%

Fractional Shortening :36 %

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

Contd.



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PERICARDIUM
Normal
DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 0.8 a = 0.5	Normal	-	-	-
AORTIC	1.3	Normal	-	-	-
TRICUSPID	0.5	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 = 66 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. RAJIV RASTOGI, MD,DM

CHARAK



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NCCT STUDY OF KUB

- **Right Kidney** is normal in size (84x44mm) and position. **Mild hydronephrosis is seen with smooth tapering at pelvi-ureteric junction.** No hyperdense calculus or mass lesion is seen on non-contrast study.
- **Left Kidney** is normal in size (~103x46mm) and position. No hydronephrosis is seen. No mass lesion is seen on non contrast study. **A hyperdense calyceal calculus measuring approx.8x5mm is seen at mid pole.**
- **Both ureters** are normal in course and calibre.
- **Urinary Bladder** is normal in contour with normal lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- **Prostate** is normal in size and shows normal density of parenchyma.
- *Few subcentimetric mesenteric and retroperitoneal lymph nodes are seen*
- *A splenunculus of size ~14x13mm is seen near inferior pole.*

IMPRESSION:

- **MILD HYDRONEPHROSIS WITH SMOOTH TAPERING AT RIGHT PELVI-URETERIC JUNCTION - ? PUJ STRICTURE / ??PARTIAL PUJ OBSTRUCTION.**
- **LEFT RENAL CALCULUS.**

Clinical correlation is necessary.

[DR. JAYENDRA K. ARYA, MD]

*** End Of Report ***

