

Patient Name	: Mr.SYED NAUSHAD AHMAD	Visit No	: CHA250041032
Age/Gender	: 49 Y/M	Registration ON	: 07/Mar/2025 10:31AM
Lab No	: 10138327	Sample Collected ON	: 07/Mar/2025 10:31AM
Referred By	: Dr.LUCKNOW HOSPITAL	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 07/Mar/2025 11:39AM

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 : 53 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 : 3.1cms (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

Left Atrium : 2.9 cms
Right Atrium : Normal

6. AORTIC MITRAL CONTINUITY

Clot : - Others :
Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 0.9 cm (s) 1.4 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.7 cm

Motion : Normal

LVID (D) 4.8 cm (s) 2.8 cm

Ejection Fraction : 72%

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 = 1.0 a = 0.7	Normal	-	-	-
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 = 72 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

OPINION – NORMAL 2D-ECHO & COLOUR DOPPLER STUDY

DR. PANKAJ RASTOGI, MD,DM



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CT THORAX

HRCT STUDY OF THORAX

- Scattered tiny soft nodules (at least 5 in number) measuring approx. 2mm to 4mm are seen in both lungs. Rest of the lung fields are clear and show normal pulmonary architecture. No evidence of any other parenchymal opacity, area of consolidation or any mass lesion is seen.
- No pleural effusion or pleural thickening is seen on either side.
- No mediastinal lymphadenopathy is seen.
- Trachea is central.
- Heart size is normal.
- Esophagus is seen normally.
- Soft tissues are seen normally.

IMPRESSION:

- FEW SCATTERED TINY SOFT NODULES IN LUNGS (RADIOLOGICALLY INDETERMINATE ? FIBROTIC ?? MITOTIC).
- NO OTHER SIGNIFICANT PULMONARY, PLEURAL OR MEDIASTINAL ABNORMALITY DETECTED.

CHARAK

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

Transcribed by R R...

*** End Of Report ***

