

Patient Name	: Ms.RUKSHANA	Visit No	: CHA250034516
Age/Gender	: 48 Y/F	Registration ON	: 26/Feb/2025 09: 33AM
Lab No	: 10131812	Sample Collected ON	: 26/Feb/2025 09: 33AM
Referred By	: Dr.PANKAJ RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 26/Feb/2025 12:56PM

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 47 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 :2.4cms (b) Aortic Opening :1.5cms (c) Closure: Central
(d) Calcium : - (e) Eccentricity Index : 1 (f) Vegetation : -

(g) Valve Structure : Tricuspid,

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 : 3.9 cms Clot : - Others :
Right Atrium : Dilated Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Dilated

RVD (D)

RVOT

LEFT VENTRICLE :

LVIVS (D) 0.8 cm (s) 1.1 cm

Motion : normal

LVPW (D) 0.9cm (s) 1.4 cm

Motion : Normal

LVID (D) 3.6 cm (s) 2.2 cm

Ejection Fraction :68%

Fractional Shortening : 38 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

DILATED RA & RV
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

LARGE OSTIUM SECUNDUM ASD (Size 2.1 CM2)

Papillary Muscle Level :

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 = 0.8 a = 0.9	a > e	1	-	-
AORTIC	1.0	Normal	-	-	-
TRICUSPID	0.4	Normal	1	-	-
PULMONARY	1.2	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

TR peak vel = 3.5m/sec ; RV-RA PSG = 48mmHg ; Expected PASP = 58 mmHg

COLOUR DOPPLER

GR I/IV MR
GR I/IV TR

CONCLUSIONS :

- DILATED RA & RV
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 68 %
- LARGE OSTIUM SECUNDUM ASD (Size 2.1 cm)
- MILD MR
- PAH
- MILD TR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION - LARGE OSTIUM SECUNDUM ASD; LARGE L TO R SHUNT , MILD PAH WITH MILD TR

DR. PANKAJ RASTOGI, MD,DM



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*** End Of Report ***

