

DEPARTMENT OF NON-INVASIVE CARDIOLOGY

DATE : 08.03.2022 REFERENCE NO. : 3994
PATIENT NAME : SONIYA JAIN AGE/SEX : 39 YRS/F
REFERRED BY : GARG PATHOLOGY ECHOGENECITY : NORMAL
REFERRING DIAGNOSIS : To rule out structural heart disease.

ECHOCARDIOGRAPHY REPORT

DIMENSIONS		NORMAL			NORMAL
AO (ed)	2.4 cm	(2.1 - 3.7 cm)	IVS (ed)	1.0 cm	(0.6 - 1.2 cm)
LA (es)	2.5 cm	(2.1 - 3.7 cm)	LVPW (ed)	0.9 cm	(0.6 - 1.2 cm)
RVID (ed)	1.3 cm	(1.1 - 2.5 cm)	EF	60%	(62% - 85%)
LVID (ed)	3.9 cm	(3.6 - 5.2 cm)	FS	30%	(28% - 42%)
LVID (es)	2.8 cm	(2.3 - 3.9 cm)			

MORPHOLOGICAL DATA :

Mitral Valve: AML : Normal Interatrial septum : Intact
PML : Normal Interventricular Septum : Intact
Aortic Valve : Normal Pulmonary Artery : Normal
Tricuspid Valve : Normal Aorta : Normal
Pulmonary Valve : Normal Right Atrium : Normal
Right Ventricle : Normal Left Atrium : Normal
Left Ventricle : Normal

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2-D ECHOCARDIOGRAPHY FINDINGS :

LV normal in size with normal contractions. No LV regional wall motion abnormality seen. RV normal in size with adequate contractions. LA and RA normal. All cardiac valves are structurally normal. No chamber hypertrophy/ intracardiac mass. Estimated LV ejection fraction is 60%.

DOPPLER STUDIES :

Valve	Regurgitation	Velocity m/sec	Gradient mmHg
Mitral Valve	No	0.88	2.8
Tricuspid Valve	No	0.96	3.3
Pulmonary Valve	No	0.77	2.1
Aortic Valve	Trace	0.66	2.0

IMPRESSION :

- No RWMA.
- Normal LV Systolic Function (LVEF = 60%).
- Trace AR.



DR. HARIOM TYAGI
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(Interventional Cardiologist)
Director, Lokpriya Heart Centre

for

NOTE: Echocardiography report given is that of the procedure done on that day and needs to be correlated clinically. This is not for medico legal purpose, as patient's identity is not confirmed. No record of this report is kept in the Hospital.