

DEPARTMENT OF NON-INVASIVE CARDIOLOGY

DATE : 02.04.2022 REFERENCE NO. : 4281
 PATIENT NAME : ARCHANA ROY AGE/SEX : 45 YRS/F
 REFERRED BY : GARG PATHOLOGY ECHOGENECITY : NORMAL
 REFERRING DIAGNOSIS : To rule out structural heart disease.

ECHOCARDIOGRAPHY REPORT

DIMENSIONS		NORMAL			NORMAL
AO (ed)	2.6 cm	(2.1 - 3.7 cm)	IVS (ed)	0.8 cm	(0.6 - 1.2 cm)
LA (es)	2.7 cm	(2.1 - 3.7 cm)	LVPW (ed)	0.9 cm	(0.6 - 1.2 cm)
RVID (ed)	1.5 cm	(1.1 - 2.5 cm)	EF	60%	(62% - 85%)
LVID (ed)	4.0 cm	(3.6 - 5.2 cm)	FS	30%	(28% - 42%)
LVID (es)	2.9 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	0.87	2.6
Tricuspid Valve	No	0.79	2.5
Pulmonary Valve	No	0.68	2.1
Aortic Valve	No	0.94	3.2

IMPRESSION :

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



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

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.