

2D ECHOCARDIOGRAM

NAME: MR.PERUMAL T	ACCOUNT: 388773
AGE / GENDER: 66 Y/MALE	DATE: 28.07.2021

Indication-Routine:

Findings- Bradycardia during study (52/min)

Normal LV systolic function and Normal diastolic function, intact septae, No significant RWMA. Dilated LA/ Dilated aortic root, Good RV function, Sclerotic AV, Trivial TR, No PAH. (PASP:13+10=23 mm Hg.)

MEASUREMENTS	MEASURED VALUE (cms)	STANDARD VALUE (cms)
IVS (D)	1.1	(0.6-1.1)
LVID (D)	6.5	(3.7-5.6)
LVPW (D)	1.0	(0.6-1.1)
IVS (S)	1.4	(0.6-1.2)
LVID (S)	4.1	(2.2-4.0)
LVPW (S)	1.2	(0.9-1.4)
Ejection Fraction	64	(55-70%)
Left atrial dimension	3.8	(1.9-4.0)
Aortic root diameter	4.2	(2.0-3.7)
Aortic valve opening	1.6	(1.5-2.6)

Doppler Study: -

VALVE	MEASURED VELOCITY (m/sec)	REGURGITATION
MITRAL	E = 0.8 A = 0.7	Nil
AORTIC	1.1	Nil
TRICUSPID	1.8	Trivial
PULMONARY	0.5	Nil

COLOUR FLOW - normal

2D AND M-MODE EXAMINATION-2D And M Mode examination done in multiple views revealed. Mitral valve Opening is normal. Aortic valve has three cusps which are sclerotic. Its opening is adequate and closure line is Central. Tricuspid valve leaflets move normally. Aortic root is dilated. Dilated LV Interatrial Septum and interventricular septum are intact. No SAM, No MR.

IMPRESSION:

Bradycardia during study (52/min)

Overall LVEF – 64%, No RWMA.

Good LV systolic function and Normal diastolic function.

Dilated LA/ Dilated aortic root, no hypertrophy, Sclerotic AV, Trivial TR, No PAH. (PASP: 23 mmHg.)

No Intra-cardiac mass, no Pericardial Effusion present, no thrombus or shunt.

This is a professional opinion based on imaging findings and not the diagnosis. It should be correlated clinically and with other relevant investigations to arrive at a proper conclusion. Not valid for medico-legal purpose.

Dr. BALAJI T N

MBBS, PGDCC (Clinical Cardiologist)