Patient's Name : Mr. Brijesh Saxena . Age : 56 years Echo No : 373 / 2022

Ref. By : CASTROL IND.LTD.HEALTH CHECKUP. Sex : Male Date : 29/12/2022

2D ECHO & DOPPLER STUDY

2D

Normal LV size with Good contractility.
NO RWMA..
Ovrall LVEF – 68% (M.Mode Method)
Type I Diastolic Dysfunction.
LA normal in size.
RA normal size., RV normal size with good contractility.
Aortic Valve normal with adequate opening.
No AR.
Mitral valve normal with adequate opening.
No MR
Tricuspid valve normal with adequate opening.
No TR
No Pulmonary Hypertension.
Pulmonary valve structurally normal with adequate opening.
No. PR.
IAS Intact. IVS Intact.
No clot.
No clot .
Mild Pericardial effusion noted.

Conclusion – Normal 2D Echo & Doppler study.
LVEF: 68% (M.Mode Method).
Type I Diastolic dysfunction.
Good biventricular systolic function.
Mild Pericardial Effusion seen.
No RWMA .

Dr. Pooja Tandel.
M.D. (Medicine) FCCCM

VIBRANT MULTISPECIALITY HOSPITAL

VAPI

Patient Data

Last Name	SAXENA	**First Name**	BRIJESH
Age	56 y		
Gender	M		
Exam Date	29/Dec/2022		
Referring Physician	CASTROL HEALTH CHECKUP		
Performing Physician	DR.POOJA TANDEL	**Report Date**	29/Dec/2022

Cardiac

Absolute velocity used

M-Mode

Aorta/LA					
Ao Diam	28.0	mm	LA	38.6	mm
AV Open	20.6	mm	LA/Ao	1.38	
Left Ventricle					
RVIDd	21.2	mm	IVSd	11.2	mm
LVIDd	44.2	mm	LVPWd	11.8	mm
IVSs	12.5	mm	LVIDs	27.4	mm
LVPWs	18.7	mm	EF	68	%
%LV FS	38	%	% IVS	11	%
%PW	58	%	LV Mass	213	g

Doppler

CO (LVOT)					
LVOT VTI	0.19	m			
CO (Ao)					
AV VTI	0.21	m			
CO (Pulm flow)					
PA VTI	0.18	m			
Aorta					
AV Vmax [1.03, 1.02]	1.02	m/s	AV Vmean	0.75	m/s
AV max PG	4.2	mmHg	AV mean PG	2.5	mmHg
AV VTI	0.21	m			
LVOT VTI					
LVOT Vmax [1.16, 1.16]	1.16	m/s	LVOT Vmean	0.69	m/s
LVOT max PG	5.4	mmHg	LVOT mean PG	2.4	mmHg
LVOT VTI	0.19	m			
MV					
MV VTI	0.18	m	MV E Vel	0.82	m/s
MV A Vel	0.92	m/s	MV E PG	2.7	mmHg
MV A PG	3.4	mmHg	MV Vmax	0.99	m/s
MV maxPG	3.9	mmHg	MV Vmean	0.65	m/s
MV mean PG	1.9	mmHg	MV PHT	82	ms
MVA (PHT)	2.69	cm^2	MV E/A	0.89	
MV Dec Time	100	ms			

TV

TV VTI	0.14	m	TV E Vel	0.56	m/s
TV A Vel	0.71	m/s	TV E Dec Time	80	ms
TV E PG	1.2	mmHg	TV A PG	2.0	mmHg
TV Vmax	0.68	m/s	TV maxPG	1.9	mmHg
TV Vmean	0.42	m/s	TV mean PG	0.8	mmHg
TV E/A	0.79				

TR

TR Vmax	0.20	m/s	TR max PG	0.2	mmHg
RAP	5.0	mmHg	RVSP	5.2	mmHg

Pulmonary A

PA VTI	0.18	m	PA Vmean	0.59	m/s
PA mean PG	1.7	mmHg	PA Vmax	0.86	m/s
PA max PG	3.0	mmHg	PA Sys Press	5.2	mmHg
PA Acc Time	168	ms			

AVA (VTI)

AV VTI	0.21	m	AV Vmax [1.03, 1.02]	1.02	m/s
LVOT VTI	0.19	m	LVOT Vmax [1.16, 1.16]	1.16	m/s

Qp/Qs

PA VTI	0.18	m	LVOT VTI	0.19	m

Mitral Annulus TDI

s' Lat	0.13	m/s	e' Lat	0.11	m/s
a' Lat	0.13	m/s	e'/a' Lat	0.79	
E/e' Lat	7.78		s' Sept	0.11	m/s
e' Sept	0.09	m/s	a' Sept	0.13	m/s
e'/a' Sept	0.69		E/e' Sept	9.33	
e' Avg	0.10	m/s	a' Avg	0.13	m/s
e'/a' Avg	0.74		E/e' Avg	8.48	

MVA (VTI)

MV VTI	0.18	m	MV Vmax	0.99	m/s
LVOT VTI	0.19	m	LVOT Vmax [1.16, 1.16]	1.16	m/s