Patient's Name : Mr. Jignesh H. Lad . **Age : 38** years **Echo No : 348** / 2022

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

2D ECHO & DOPPLER STUDY

2D **BRADYCARDIA ON SCAN.**

Normal LV size with Good contractility.
NO RWMA..
Ovrall LVEF – 62% (M.Mode Method)
No Diastolic Dysfunction.
LA normal in size.
RA normal size., RV normal size with good contractility.
Aortic Valve Sclerosed with adequate opening.(Age related)
No AR.
Mitral valve sclerosed with adequate opening.(Age related
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 , vegetation or pericardial effusion noted.

Conclusion – Sclerosed Aortic & Mitral Valves. (Age related)
LVEF: 62% (M.Mode Method)
Good biventricular systolic function.
No RWMA .

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

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VIBRANT MULTISPECIALITY HOSPITAL
VAPI

Patient Data

Last Name	LAD	**First Name**	JIGNESH
Middle Name	H		
Age	38 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	26.8	mm	LA	35.5	mm
AV Open	17.4	mm	LA/Ao	1.33	
Left Ventricle					
RVIDd	19.9	mm	IVSd	8.1	mm
LVIDd	43.6	mm	LVPWd	11.2	mm
IVSs	10.0	mm	LVIDs	29.3	mm
LVPWs	15.0	mm	EF	62	%
%LV FS	33	%	% IVS	23	%
%PW	33	%	LV Mass	159	g

Doppler

CO (LVOT)					
LVOT VTI	0.15	m			
CO (Ao)					
AV VTI	0.16	m			
CO (Pulm flow)					
PA VTI	0.12	m			
Aorta					
AV Vmax	0.86	m/s	AV Vmean	0.63	m/s
[0.87, 0.85]					
AV max PG	3.0	mmHg	AV mean PG	1.8	mmHg
AV VTI	0.16	m			
LVOT VTI					
LVOT Vmax	0.75	m/s	LVOT Vmean	0.51	m/s
[0.78, 0.73]					
LVOT max PG	2.3	mmHg	LVOT mean PG	1.2	mmHg
LVOT VTI	0.15	m			
MV					
MV VTI	0.16	m	MV E Vel	0.67	m/s
MV A Vel	0.62	m/s	MV E PG	1.8	mmHg
MV A PG	1.6	mmHg	MV Vmax	0.77	m/s
MV maxPG	2.4	mmHg	MV Vmean	0.33	m/s
MV mean PG	0.6	mmHg	MV PHT	43	ms
MVA (PHT)	5.17	cm^2	MV E/A	1.07	
MV Dec Time	136	ms			

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TV

TV VTI	0.12	m	TV E Vel	0.38	m/s
TV A Vel	0.40	m/s	TV E Dec Time	208	ms
TV E PG	0.6	mmHg	TV A PG	0.7	mmHg
TV Vmax	0.41	m/s	TV maxPG	0.7	mmHg
TV Vmean	0.26	m/s	TV mean PG	0.3	mmHg
TV E/A	0.94				

TR

TR Vmax	0.14	m/s	TR max PG	0.1	mmHg
RAP	5.0	mmHg	RVSP	5.1	mmHg

Pulmonary A

PA VTI	0.12	m	PA Vmean	0.39	m/s
PA mean PG	0.7	mmHg	PA Vmax	0.55	m/s
PA max PG	1.2	mmHg	PA Sys Press	5.1	mmHg
PA Acc Time	120	ms			

AVA (VTI)

AV VTI	0.16	m	AV Vmax [0.87, 0.85]	0.86	m/s
LVOT VTI	0.15	m	LVOT Vmax [0.78, 0.73]	0.75	m/s

Qp/Qs

PA VTI	0.12	m	LVOT VTI	0.15	m

Mitral Annulus TDI

s' Lat	0.11	m/s	e' Lat	0.13	m/s
a' Lat	0.12	m/s	e'/a' Lat	1.04	
E/e' Lat	5.20		s' Sept	0.08	m/s
e' Sept	0.10	m/s	a' Sept	0.11	m/s
e'/a' Sept	0.94		E/e' Sept	6.70	
' Avg	0.11	m/s	a' Avg	0.11	m/s
'/a' Avg	0.99		E/e' Avg	5.85	

VA (VTI)

V VTI	0.16	m	MV Vmax	0.77	m/s
OT VTI	0.15	m	LVOT Vmax [0.78, 0.73]	0.75	m/s

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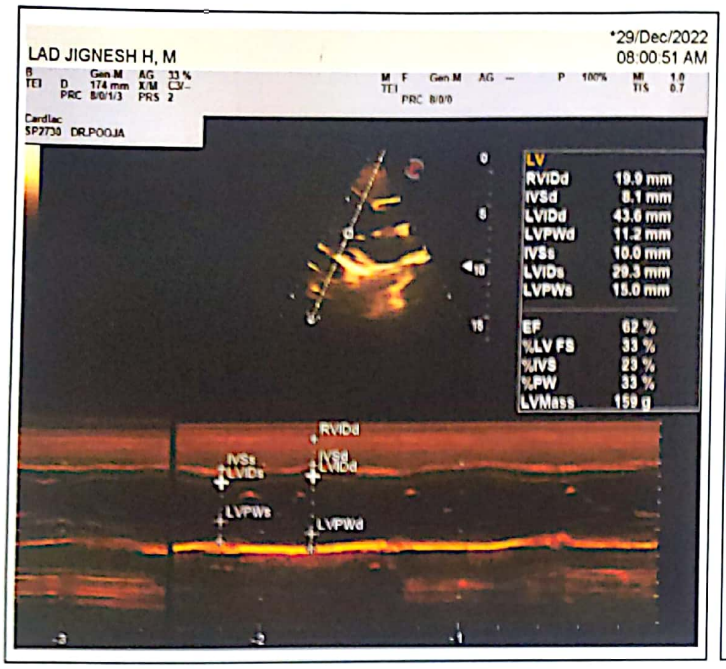

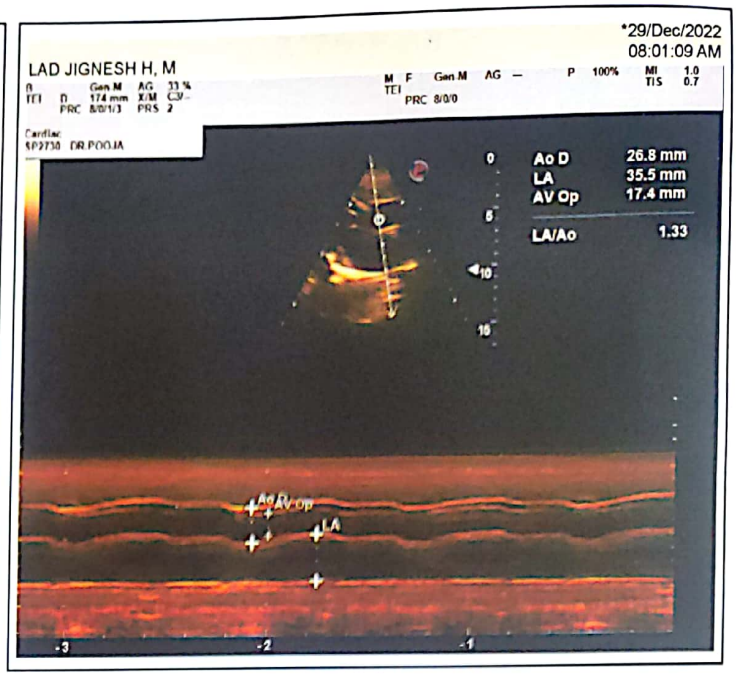

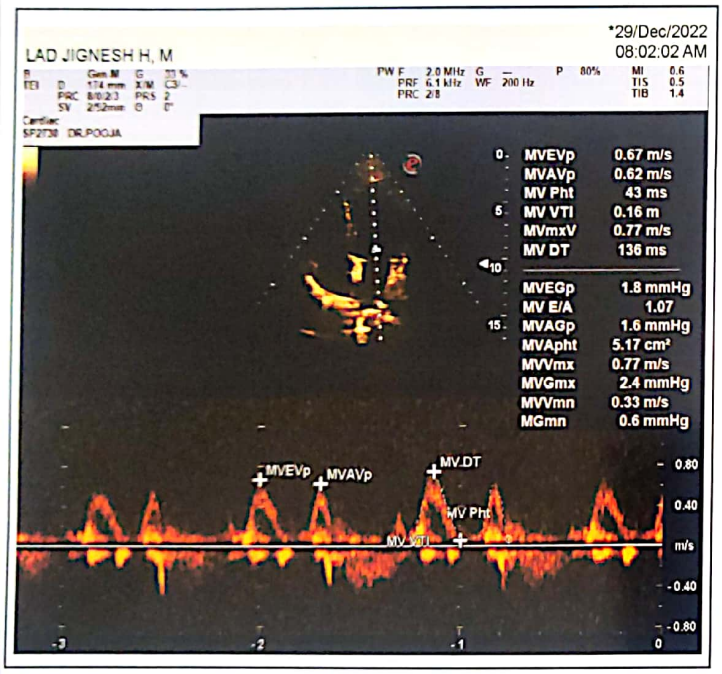

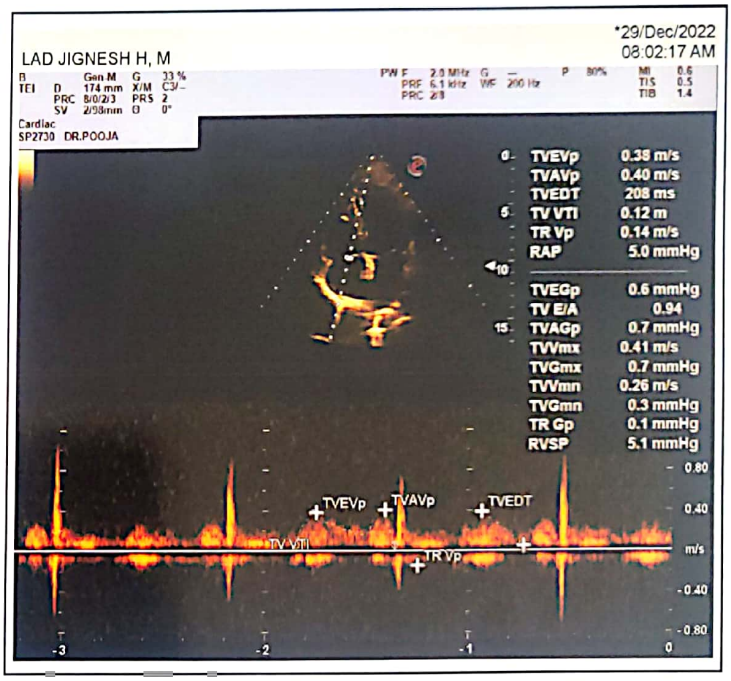

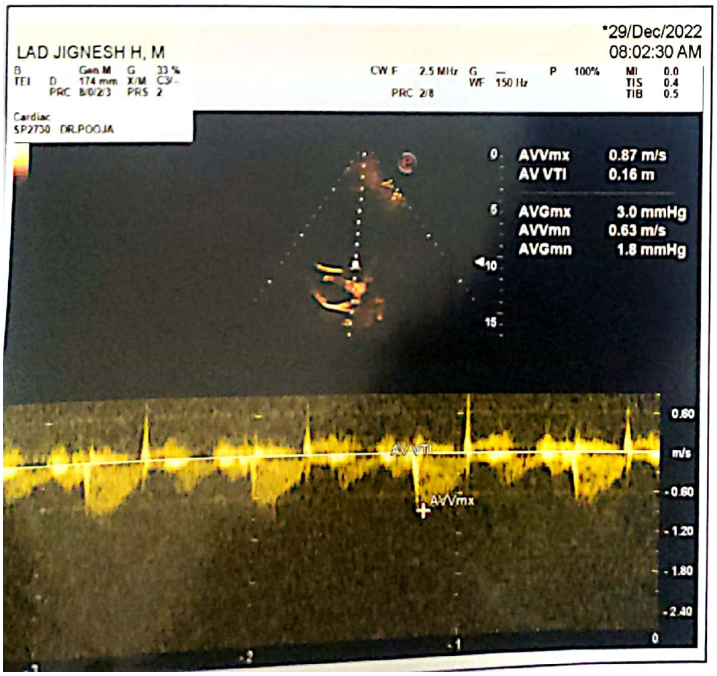

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