

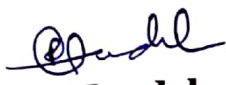
Patient's Name : Mr. Rajesh Bhavsar . Age : 48 years Echo No : 358 / 2022

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

**2D ECHO & DOPPLER STUDY**

2D **POOR WINDOW.**  
Normal LV size with Good contractility.  
NO RWMA..  
Ovrall LVEF – 60% ( M.Mode Method)  
No 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 , vegetation or pericardial effusion noted.

**Conclusion – Normal 2D Echo & Doppler study.**  
**LVEF: 60% ( M.Mode Method)**  
**Good biventricular systolic function.**  
**No RWMA .**

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

# VIBRANT MULTISPECIALITY HOSPITAL

## VAPI

### Patient Data

<b>Last Name</b>	BHAVSAR	<b>First Name</b>	RAJESH
<b>Middle Name</b>	B		
<b>Age</b>	48 y		
<b>Gender</b>	M		
<b>Exam Date</b>	29/Dec/2022		
<b>Referring Physician</b>	CASTROL HEALTH CHECKUP		
<b>Performing Physician</b>	DR.POOJA TANDEL	<b>Report Date</b>	29/Dec/2022

### Cardiac

### Absolute velocity used

### M-Mode

#### Aorta/LA

Ao Diam	25.5	mm	LA	38.0	mm
AV Open	19.9	mm	LA/Ao	1.49	

#### Left Ventricle

RVIDd	21.2	mm	IVSd	10.6	mm
LVIDd	37.4	mm	LVPWd	11.2	mm
IVSs	15.0	mm	LVIDs	25.5	mm
LVPWs	18.7	mm	EF	60	%
%LV FS	32	%	% IVS	41	%
%PW	67	%	LV Mass	148	g

### Doppler

#### CO (LVOT)

LVOT VTI	0.26	m
----------	------	---

#### CO (Ao)

AV VTI	0.26	m
--------	------	---

#### CO (Pulm flow)

PA VTI	0.15	m
--------	------	---

#### Aorta

AV Vmax	1.39	m/s	AV Vmean	0.90	m/s
[1.40, 1.38]					
AV max PG	7.7	mmHg	AV mean PG	4.0	mmHg
AV VTI	0.26	m			

#### LVOT VTI

LVOT Vmax	1.32	m/s	LVOT Vmean	0.87	m/s
[1.33, 1.31]					
LVOT max PG	7.0	mmHg	LVOT mean PG	3.7	mmHg
LVOT VTI	0.26	m			

#### MV

MV VTI	0.22	m	MV E Vel	1.04	m/s
MV A Vel	0.77	m/s	MV E PG	4.4	mmHg
MV A PG	2.4	mmHg	MV Vmax	1.06	m/s
MV maxPG	4.5	mmHg	MV Vmean	0.36	m/s
MV mean PG	0.9	mmHg	MV PHT	39	ms
MVA (PHT)	5.65	cm <sup>2</sup>	MV E/A	1.36	
MV Dec Time	132	ms			

**TV**

TV VTI	0.15	m	TV E Vel	0.66	m/s
TV A Vel	0.52	m/s	TV E Dec Time	176	ms
TV E PG	1.7	mmHg	TV A PG	1.1	mmHg
TV Vmax	0.55	m/s	TV maxPG	1.2	mmHg
TV Vmean	0.28	m/s	TV mean PG	0.4	mmHg
TV E/A	1.26				

**TR**

TR Vmax	0.13	m/s	TR max PG	0.1	mmHg
RAP	5.0	mmHg	RVSP	5.1	mmHg

**Pulmonary A**

PA VTI	0.15	m	PA Vmean	0.43	m/s
PA mean PG	0.9	mmHg	PA Vmax	0.65	m/s
PA max PG	1.7	mmHg	PA Sys Press	5.1	mmHg
PA Acc Time	132	ms			

**AVA (VTI)**

AV VTI	0.26	m	AV Vmax	1.39	m/s
			[1.40, 1.38]		

LVOT VTI	0.26	m	LVOT Vmax	1.32	m/s
			[1.33, 1.31]		

**Qp/Qs**

PA VTI	0.15	m	LVOT VTI	0.26	m
--------	------	---	----------	------	---

**Mitral Annulus TDI**

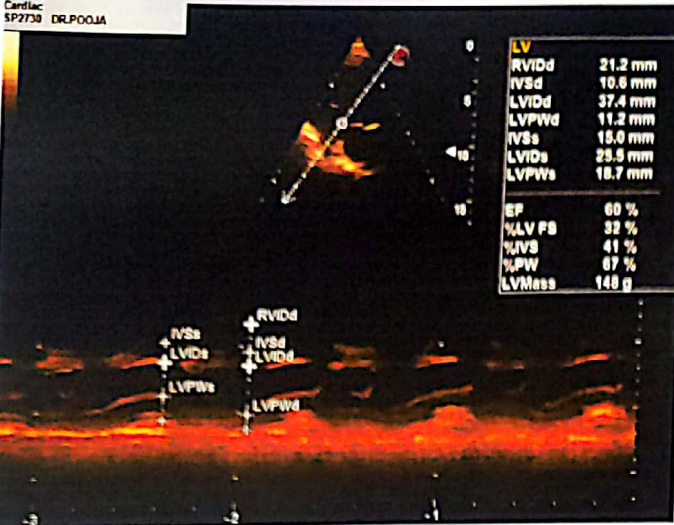
s' Lat	0.14	m/s	e' Lat	0.16	m/s
a' Lat	0.14	m/s	e'/a' Lat	1.14	
E/e' Lat	6.57		s' Sept	0.12	m/s
e' Sept	0.13	m/s	a' Sept	0.12	m/s
e'/a' Sept	1.04		E/e' Sept	8.30	
e' Avg	0.14	m/s	a' Avg	0.13	m/s
e'/a' Avg	1.09		E/e' Avg	7.33	

**MVA (VTI)**

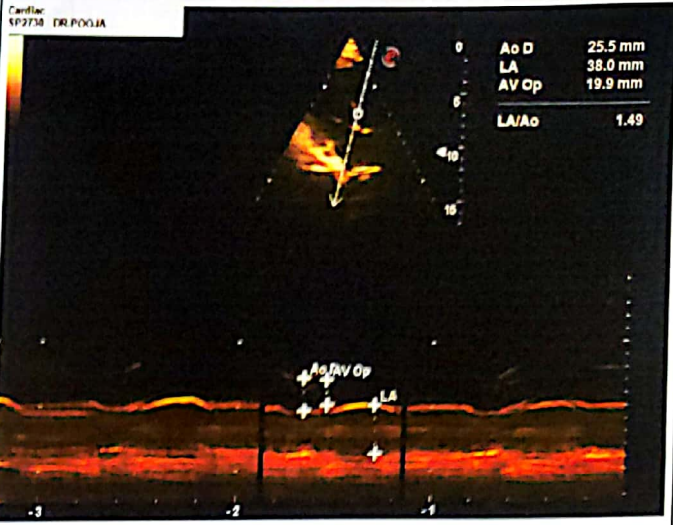
MV VTI	0.22	m	MV Vmax	1.06	m/s
LVOT VTI	0.26	m	LVOT Vmax	1.32	m/s
			[1.33, 1.31]		



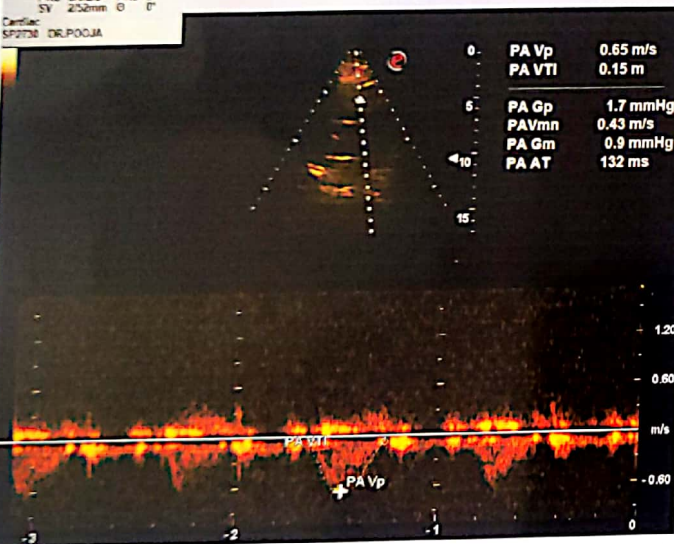
BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:37:21 AMB Gen M G 25 %  
TEI D 174 mm X/M C3-  
PRC 8/0/1/3 PRS 2M F Gen M G - P 100% MI 1.0  
TEI PRC 8/0/0 TIS 0.7Cardiac  
SP2730 DR.POOJA

BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:37:40 AMB Gen M G 47 %  
TEI D 174 mm X/M C3-  
PRC 8/0/1/3 PRS 2M F Gen M G - P 100% MI 1.0  
TEI PRC 8/0/0 TIS 0.7Cardiac  
SP2730 DR.POOJA

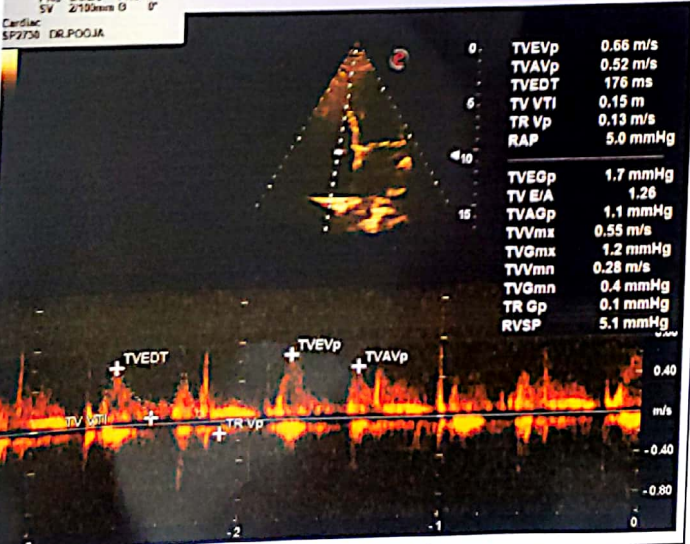
BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:38:06 AMB Gen M G 40 %  
TEI D 174 mm X/M C3-  
PRC 8/0/2/3 PRS 2  
SV 250mm Q 0PW F 2.0 MHz G - P 80% MI 0.6  
PRF 7.2 kHz WF 200 Hz TIS 0.4  
PRC 2/8 TIB 2.1Cardiac  
SP2730 DR.POOJA

BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:39:04 AMB Gen M G 43 %  
TEI D 174 mm X/M C3-  
PRC 8/0/2/3 PRS 2  
SV 250mm Q 0PW F 2.0 MHz G - P 80% MI 0.6  
PRF 6.1 kHz WF 200 Hz TIS 0.5  
PRC 2/8 TIB 1.4Cardiac  
SP2730 DR.POOJA

BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:39:23 AMB Gen M G 43 %  
TEI D 174 mm X/M C3-  
PRC 8/0/2/3 PRS 2  
SV 250mm Q 0PW F 2.0 MHz G - P 80% MI 0.6  
PRF 6.1 kHz WF 200 Hz TIS 0.5  
PRC 2/8 TIB 1.4Cardiac  
SP2730 DR.POOJA

BHAVSAR RAJESH B, M

\*29/Dec/2022  
09:39:58 AMB Gen M G 33 %  
TEI D 174 mm X/M C3-  
PRC 8/0/2/3 PRS 2  
SV 2113mm Q 0CFMF 3.1 MHz G - P 50% MI 0.3  
TVMPRE 1.2 kHz WF 2 TIS 0.5  
PRC M/2 PRS 4 TIB 1.4Cardiac  
SP2730 DR.POOJA