



Bharti Hospital

An ISO 9001 : 2008 (QMS) Certified Hospital

Date :

REG...NO: 2022-301701

DATE: 17/03/2022

NAME: MR. SHAILENDRA KUMAR AGRAWAL

AGE/SEX: Y/M

REF...BY: B O B

ECHOCARDIOGRAPHY REPORT

Measurements

Aortic root diameter:	30 mm	(20-37mm)
Aortic valve diameter:	19 mm	(15-26mm)
LV dimension:		(19-40mm)
LVD(systolic):	24 mm	(22-40mm)
LVD(diastolic):	42 mm	(37-56mm)
RVD(diastolic):	12 mm	(7-23mm)
IVST	ES:14.4	ED: 7.6
LVPWT	ES:10.6	ED: 11.5
LA(diastolic):	20.0mm	(19-40mm)

INDICES OF LV FUNCTION:

EPSS		(< 9mm)
Fractional shortening	30%	(24-42%)
Ejection fraction	60%	(50-70%)

IMAGING:

M mode examination revealed normal movements of both mitral leaflets during diastole(DE-18mm,EF-130mm/sec). No mitral valve prolapse is seen.

Aortic cusps are not thickened and closure line is central, tricuspid and pulmonary valves are normal. Aortic root is normal in size.

Dimension of left atrium and left ventricle are normal.

2D imaging in PLAX, SAX and apical view revealed a normal size left ventricle.

No regional wall motion abnormality present.

Global LVEF is 60%.

Mitral valve opening is normal. No mitral valve prolapse is seen.

Aortic valve has three cusps and its opening is not restricted.

Tricuspid valve leaflets move normally. Pulmonary valve is normal.

Interatrial and interventricular septa are intact.

No intra cardiac mass or thrombus is seen. No pericardial effusion is seen.

Facilities

ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology

यहाँ भ्रम-रिक्त परीक्षा नहीं किया जाता है। यह एक दृष्टिकोण अंगुली है।

This Report is only A Professional Opinion & Should Be Clinically Co-related

NOT VALID FOR MEDICO-LEGAL PURPOSE

सभी प्रकार के हेल्थ चेकअप पैकेज उपलब्ध



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DOPPLER :

MV	0.73/0.67m/sec.	MR : nil
AV	0.90 m/sec.	AR : nil
TV	0.47 m/sec.	TR : nil
PV	0.73 m/sec.	PR : nil

COLOUR FLOW

Normal flow signals are seen across all cardiac valves.
No flow signals are seen across IAS and IVS.

FINAL DIAGNOSIS :

Normal cardiac chamber dimension
No regional wall motion abnormality is present.
Systolic left ventricle function is normal with EF 60%.
Diastolic left ventricle function is normal.
Colour flow through all the valves is normal with no structural abnormality.
No intracardiac thrombus or mass is seen.
No pericardial effusion is present.

DR. BHARTI GARG (M.D)

All congenital heart defect can not be detected by transthoracic echocardiography.
In case of disparity test should be repeated at higher cardiac centre. Not valid for medico-legal purpose.

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