

Balaji Medical Centre Mangalore

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Echocardiography Report

PATIENT NAME	AGE	HEIGHT	WEIGHT	BSA	DATE TIME
T NAGESHWARA RAO	34 yrs	168 cm	76 kg	1.86 m ²	2023/06/14 11:20
PATIENT ID	GENDER	REFERRING PHYSICIAN	REPORTED BY		
MA23060000111	Male	DR. VIDYA KUMARI	DR. JEEVARATHINAM. N		

PROCEDURE

An ECHO exam was performed including 2D, M-mode, Spectral, Color-flow.

SUMMARY

Normal Chamber size and shape
LV systolic function - normal. EF-61%
No regional wall motion abnormality
Normal LV diastolic filling pattern
Normal Valves

LEFT VENTRICLE

Measurement	Value	Reference	Measurement	Value	Reference
Systolic Function			Dimensions		
LVEF MOD BP (%)	61.42	(72-52)	LVIDd (cm)	4.33	(4.2-5.8)
SV MOD BP (ml)	48.93	(21-61)	LVIDd Index (cm/m ²)	2.33	(2.2-3.0)
SI MOD BP (ml/m ²)	26.31	(42-66)	LVIDs (cm)	2.51	(2.5-4.0)
LVEDV MOD BP (ml)	79.66	(62-150)	LVIDs Index (cm/m ²)	1.35	(1.3-2.1)
LVEDVInd MOD BP (ml/m ²)	42.83	(34-74)	IVSd (cm)	0.94	(0.6-1.0)
LVESV MOD BP (ml)	30.73	(21-61)	LVPWd (cm)	0.94	(0.6-1.0)
LVESVInd MOD BP (ml/m ²)	16.52	(11-31)	LVd Mass (g)	132.31	(88-224)
Diastolic Function			LVd Mass Index (g/m ²)	71.13	(49-115)
MV E Vel (m/s)	0.78	(0.6-0.8)	RWT	0.43	(0.24-0.42)
MV A Vel (m/s)	0.41	(0.2-0.35)	LV Area		
MV E/A Ratio	1.90	(>=0.8)	LV FAC A4C (%)	52.91	(>25)
			LVAd A4C (cm ²)	28.84	(-)
			LVAAs A4C (cm ²)	13.58	(-)
			LV FAC A2C (%)	46.06	(-)
			LVAd A2C (cm ²)	21.84	(-)
			LVAAs A2C (cm ²)	11.78	(-)

LEFT ATRIUM

Measurement	Value	Reference	Measurement	Value	Reference
LA Diam (cm)	3.56	(2.0-4.0)	LAESV MOD BP (ml)	32.70	(38-46)
LA/Ao	1.42	(<1.3)	LAESVInd MOD BP (ml/m ²)	17.58	(16-34)

RIGHT ATRIUM

Measurement	Value	Reference
RAAs A4C (cm ²)	11.83	(<=18)
RALs A4C (cm)	4.53	(-)

AORTIC VALVE & AORTA

Measurement	Value	Reference
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AV Outflow

AV Vmax (m/s)	1.21	(<2.6)
AV maxPG (mmHg)	5.86	(<30)

LVOT/ Aorta

Ao Diam (cm)	2.51	(<3.7)
Ao/LA	0.85	(-)

TRICUSPID VALVE

Measurement	Value	Reference
TR Vmax (m/s)	1.12	(<2.8)
TR maxPG (mmHg)	5.02	(<35)

PULMONARY VALVE AND PULMONARY ARTERY

Measurement	Value	Reference
Pulmonary Outflow		
PV Vmax (m/s)	0.80	(<1.9)
PV maxPG (mmHg)	2.56	(<36)

OBSERVATIONS :

ECG	Rhythm - Sinus rhythm
Left Ventricle	Size - Left ventricle normal in size LV geometry - Normal LV geometry Systolic function - LV systolic function - normal Regional wall motion - No regional wall motion abnormality
Left Atrium	Size - Normal left atrium size
Right Atrium	Size - Normal right atrium size
Right Ventricle	Size - Normal right ventricular size Systolic function - Right ventricular systolic function - normal
Aortic Valve	Structure and function - Normal trileaflet aortic valve Regurgitation - No aortic regurgitation
Mitral Valve	Structure and function - Normal mitral valve Regurgitation - No mitral regurgitation
Tricuspid Valve	Structure and function - Normal tricuspid valve Regurgitation - No tricuspid regurgitation
Pulmonic Valve	Structure and function - Normal pulmonic valve Regurgitation - No pulmonic regurgitation
Pericardium	Effusion - No pericardial effusion
Inter Ventricular Septum	IVS - Intact interventricular septum
Inter Atrial Septum	IAS - Intact interatrial septum
Pulmonary Hypertension	Probability - Low probability of pulmonary hypertension
Heart Failure	HF Category - No evidence of heart failure with preserved ejection fraction

Disclaimer: This report is generated based on the review of Echocardiography images transmitted and does not consider the patient's current symptoms or medical history. The quality or accuracy of the report is dependent on the quality and accuracy of the Echo images transmitted. The report is not meant or valid for any medico legal purposes



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