

Echocardiogram

Patient: GODSE, Aparna
Patient ID: 73235
DOB: 26/12/1977 (45 yrs)
Sex: Female

Date: 04/07/2023
Ht / wt: 153 cm / 90 kg
BSA: 1.96 BMI: 38.4
HR: 85

Reported by: Dr Rebecca Reed
Referred by: Dr Elaxi Modi

Technical Quality: Fair

Staff Role	Staff Name	Staff Role	Staff Name
Reporting MO	Reed, Rebecca (Dr) [R]	Scientific Officer	Tan, Jeanette (Mrs)

Indications Cardiomegaly on CT scan

Presenting Rhythm: Sinus rhythm HR: 85 bpm

- Normal left ventricular size, thickness and systolic function.
- Normal parameters of diastolic function.
- Left atrium size is normal. Right atrium size is normal.
- Normal right ventricular size and systolic function.
- Trileaflet aortic valve with unrestricted opening.
- Aortic root and ascending aorta sizes are normal.
- Morphologically normal mitral valve and pulmonary valve.
- Morphologically normal tricuspid valve with trace regurgitation. Right ventricle systolic pressure=24mmHg+RAP (Assuming RAP of 3mmHg). Normal sized inferior vena cava. Normal respiratory collapse.
- Normal pericardium

CONCLUSION:

Normal biventricular size and systolic function.

Normal valve structure and function.

Normal estimated pulmonary artery pressures.

Left Ventricle			Aorta			Mitral Valve		
LVIDd	4.1	cm	Asc Aorta	2.8	cm	E velocity	0.7	m/s
- index	2.1	cm/m ²	Aortic Root	2.9	cm	A velocity	0.8	m/s
Septum	0.9	cm	- index	1.48	cm/m ²	Tricuspid Valve		
Inferolateral Wall	0.9	cm	LVOT Diameter	1.8	cm	Max. TR velocity	2.5	m/s
LV mass index	58.2	g/m ²	Aortic Valve			Peak TR Gradient	25	mmHg
RWT	0.44	%	Max. Velocity	1.2	m/s	Pulmonary Valve		
EF	65	%	Peak Gradient	6.2	mmHg	Peak Velocity	1	m/s
LA, RA, IVC								
LA Area	14	cm ²						
LA vol index	18.4	mL/m ²						
RA Area	13	cm ²						
Tissue Doppler								
Average E/e'	8.1		Medial e'	8	m/s	Lateral e'	9	m/s
RV s'	15	cm/s	Medial E/e'	8.9		TAPSE	2.1	cm

Distribution

Dr Elaxi Modi