REPORT

Clinical Indication:

Valvular disease

Findings:

Parameters

Height: 1.60 m. Weight: 67.0 kg. BSA: 1.73 m².

Left Ventricle

The left ventricle is normal in size and exhibits normal geometry. No regional wall motion abnormalities. Normal LV systolic function. The estimated ejection fraction is 55-59%.

Right Ventricle

Normal cavity size and function. TAPSE: 23mm, RV St. 11cm/s.

Normal left atrium size.

Right Atrium

The right atrium cavity size is normal.

The aortic root is normal in size. The tubular ascending aorta is severely dilated with its tubular part measuring 52mm.

Aortic Valve

The aortic valve is trileaflet and appears structurally normal. Mild to moderate aortic valve regurgitation.

Mitral Valve

Calcified mitral annulus. There is trace amount of mitral regurgitation.

Tricuspid Valve

Normal tricuspid valve leaflets. There is trace amount of tricuspid regurgitation.

Pulmonary Valve

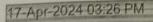
Normal pulmonary valve leaflets. There is trace amount of pulmonary valve regurgitation.

IVC / Hepatic Veins

The inferior vena cava is compliant and not dilated.

Pericardium

There is no pericardial effusion.



ded Chambers 23 mm (±17)
d

LV Dimensions LAS IVS0 LVID0 (38-52) 4£mm a mai LVESVI 1410a LV Mans Po

LA Mare I	78L7 (000°	D. Hardwell Co.
L'U RIWY	0.32	(0.22-0.42)
Aortic Din	nensions	
An SV diam	327000	(24-36)
Au STJ dam	309.00009	A (20-32)
An Ant diam	5(3 /9109	A (10-35)
An Ana diam I	30.63 mm/m ³	à (10.00-22.00)

1404 410 4 0	144	
AR PHIT	446 ms	
AR VINES	4.14 m/n	
Diaetolog	y - LV inflow	
Diastolog	A - TA Dillion	
MV E Vel	(1.84 m/s	
MV A Vol	1.28 m/s	
MV E/A	0.50	
	1.00	

MV-E-VHI	(1.64 m/s	
MV A Vol	1.28 m/s	
MV E/A	0.50	
MV Dec. Time	167 ms	

Tricuspid Valve				
TR Vmax	1.96 m/s	(62:80)		
TR PGmax	15.41 mm Hg			

Aortic Valve

Conclusion: Normal LV systolic function. The estimated ejection fraction is 55-59%. The tubular ascending aorta is severely dilated with its tubular part measuring 52mm. Mild to moderate aortic valve regurgitation.

Diastology - TDI

E(s) 3.05 cm/s ▼ (e7.00)

Mohamad Samir Arnaout MD

This report has been electronically signed and validated / by Dr. Mohamad Samir Arnaout MD