

Prime Lab & Hospital

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Age : 55 Years
Date : 24-10-2020

2D & M-Mode Measurements:

AO : 31 mm	IVSTD : 09 mm	FS : 32 %	MVA : 4 sq cm
LA : 30 mm	PWTD : 08 mm	EF : 60 %	MV annulus : 19 mm
ACS : 21 mm	LVIDD : 37 mm	RVIDD : 22 mm	AV annulus : 20 mm
PA : mm	LVIDS : 23 mm	EPSS : mm	PV annulus :

Colour Doppler Measurements:

MV : 75 cm/sec	PPG : 2.2 mmHg	MR : Gr Nil	PASP : 12 mm
AV : 91 cm/sec	PPG : 3.3 mmHg	AR : Gr trivial	PADP : 12 mm
PV : 97 cm/sec	PPG : 3.7 mmHg	PR : Gr Nil	MVA : 4 sq cm
TV : 60 cm/sec	PPG : 1.5 mmHg	TR : Gr Nil	

Description : All four cardiac chambers are normal in dimensions. LV segmental wall thickness and wall motions are normal with good LV systolic function.
Valves : Aortic valve is mildly schlerosed .AV is trivially regurgited.
Septum : Interatrial & interventricular septums are intact and normal.
Great Vessels : Great arteries are normal in size and relationship.
Pericardium : No pericardial pathology & effusion is detected.
Mass or vegetation : No intra cardiac mass, thrombus or any vegetation is seen.
Doppler study : Normal flow pattern are detected through all four cardiac valves.

Comment : *Good LV systolic function (EF 60 %).
*AR(trivial).
*Mild diastolic dysfunction.

Dr. M.A.R. Chowdhury
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