

Name :	Nazira Ismail Hamadameen	
Age: 53 years	Sex : female	

Date: August 18, 2025

Echocardiography Report

Measurements (in mm)		Normal Values	Measurements (in mm)		Normal Values
IVSD	11	6-11	Aortic Root Dimension	32	30-37
LA Dimension	35	19-38	LVES Dimension	29	25-37
LVED Dimension	47	37-56	Posterior Wall Thickness	08	6-9
Ejection Fraction	68	57-75	RV Dimension	24	9-26
Description					

REPORT...

- ✎ Normal all cardiac chambers size.
- ✎ Mild conc LVH (HHD)
- ✎ Mild TR (RVSP=24mmhg),Normal all other cardiac valves structure and function with normal flow gradients across them.
- ✎ No RWMA, Normal LV systolic function
- ✎ Evidence of LV relaxation impairments grade one $E/A=0.76$, $E/E'=4.37$
- ✎ Normal RV systolic TAPSE =22mm , $S'=12\text{cm/s}$ and diastolic function with normal RV size.
- ✎ Normal IVC size of about 0.9cm and respiratory collapsibility.
- ✎ No pericardial effusion.
- ✎ Normal pulmonary artery size and acceleration time.
- ✎ Normal all ascending aortic segments dimensions.

Conclusion

- ✎ HHD with mild concentric LVH
- ✎ Normal LV systolic function with relaxation impairments grade one.
- ✎ Mild TR .

DR.Mohammed Haini ShekhZada
Interventional cardiologist
(M.B.Ch.B ,, F.K.H.C.M.S)