

# HASIL ECHOCARDIOGRAPHY

Name **moh hosnan,**  
Patient Id **155909**  
Birthdate **05/07/1970**

Age **54 years**  
Gender **Male**  
Date **18/10/2024**

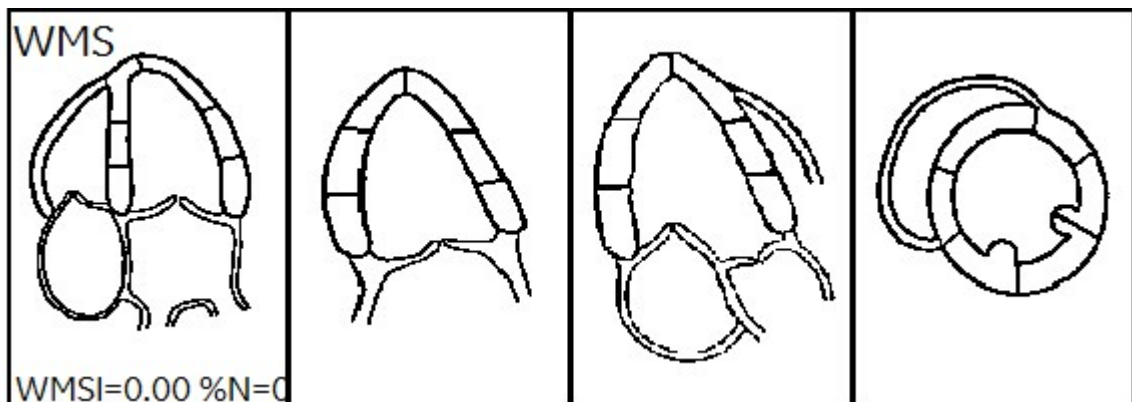
## 2D

## M-Mode

Ao Diam	2.4 cm
LA Diam	2.7 cm
LA/Ao	1.15
IVSd	1.2 cm
LVIDd	4.3 cm
LVPWd	1.1 cm
IVSs	1.3 cm
LVIDs	3.2 cm
LVPWs	1.4 cm
EDV(Teich)	83 ml
ESV(Teich)	42 ml
EF(Teich)	49 %
%FS	25 %
SV(Teich)	41 ml
LVd Mass Index	116.97 g/m <sup>2</sup>
RWT	0.53
RVIDd	2.0 cm
TAPSE	2.04 cm

## Doppler

MV E Vel	0.48 m/s
MV DecT	309 m/s
MV Dec Slope	1.5 m/s <sup>2</sup>
MV A Vel	0.60 m/s
MV E/A Ratio	0.79
E' Sept	0.04 m/s
E/E' Sept	13.20
E' Lat	0.06 m/s
E/E' Lat	8.54
E' Avg	0.05 m/s
E/E' Avg	10.37
MR Vmax	2.03 m/s
MR Vmean	1.95 m/s
MR maxPG	16.54 mmHg
MR meanPG	15.21 mmHg
MR VTI	77.1 cm
PV AccT	137 ms
PV Acc Slope	3.2 m/s <sup>2</sup>
TR Vmax	1.69 m/s
TR maxPG	11.45 mmHg
mPAP	17.34



**Findings**

- Dimensi ruang jantung : Normal
- LVH Konsentrik (+)
- Kontraktilitas LV : Menurun , EF : 49 %
- Kontraktilitas RV : Normal , TAPSE : 2.04 cm
- Analisa segmental : Hipokinetik basal-mid inferior, apikal inferior, normokinetik segmen lain
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (-)
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Tricuspid Regurgitation Mild
- Katup Pulmonal : Normal , PV acct : 137 m/s
- Doppler : E/A 0.79 DT : 309 m/s E/e' 10.37

**Kesimpulan**

- LVH Konsentrik
- Fungsi sistolik global dan segmental LV Menurun , EF 49 %
- Disfungsi diastolik LV grade 2
- Abnormality Segmental Wall Motion
- Mitral Regurgitation Mild
- Tricuspid Regurgitation Mild
- Kontraktilitas RV Normal

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