

# HASIL ECHOCARDIOGRAPHY

Name **eko surasto,**  
Patient Id **170395**  
Birthdate **16/03/1970**

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

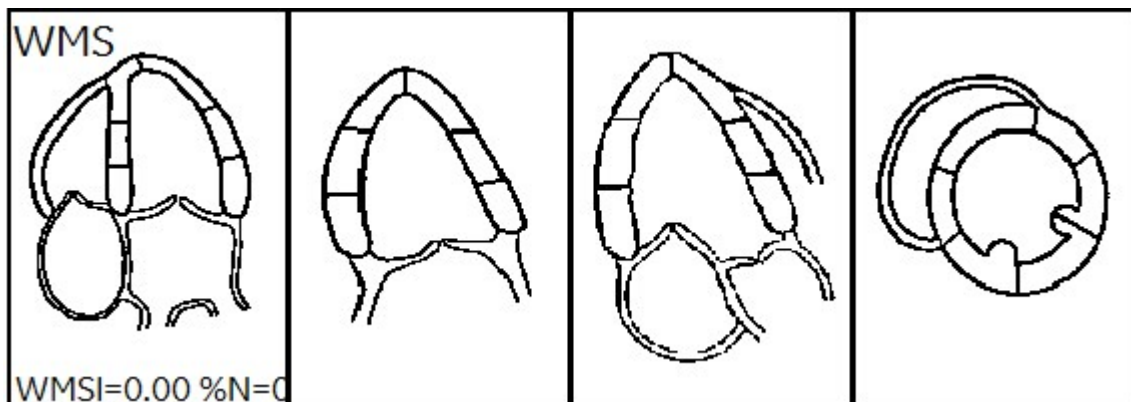
## 2D

### M-Mode

Ao Diam	2.9 cm
LA Diam	3.5 cm
LA/Ao	1.23
IVSd	1.3 cm
LVIDd	5.7 cm
LVPWd	1.5 cm
IVSs	1.4 cm
LVIDs	4.4 cm
LVPWs	1.9 cm
EDV(Teich)	159 ml
ESV(Teich)	86 ml
EF(Teich)	46 %
%FS	23 %
SV(Teich)	73 ml
LVd Mass Index	197.51 g/m <sup>2</sup>
RWT	0.52
RVIDd	3.0 cm
TAPSE	2.08 cm

### Doppler

MV E Vel	0.69 m/s
MV DecT	156 m s
MV Dec Slope	4.4 m/s <sup>2</sup>
MV A Vel	0.84 m/s
MV E/A Ratio	0.82
E' Sept	0.02 m/s
E/E' Sept	27.61
E' Lat	0.04 m/s
E/E' Lat	16.36
E' Avg	0.03 m/s
E/E' Avg	20.55
MR Vmax	3.05 m/s
MR Vmean	2.72 m/s
MR maxPG	37.17 mmHg
MR meanPG	31.56 mmHg
MR VTI	101.6 cm
PV AccT	118 m s
PV Acc Slope	6.0 m/s <sup>2</sup>
TR Vmax	1.07 m/s
TR maxPG	4.58 mmHg
mPAP	25.91



**Findings**

- Dimensi ruang jantung : LV Dilatasi
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 46 %
- Kontraktilitas RV : Normal , TAPSE : 2.08 cm
- Analisa segmental : Hipokinetik basal-mid anterior anteroseptal, apikal anterior, normokinetik segmen lain
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (-)
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Tricuspid Regurgitation Mild
- Katup Pulmonal : Normal , PV acct : 118 m/s
- Doppler : E/A 0.82 DT : 156 m/s E/e' 20.55

**Kesimpulan**

- LVH Eksentrik
- Fungsi sistolik global dan segmental LV Menurun , EF 46 %
- Disfungsi diastolik LV grade 2
- Abnormality Segmental Wall Motion
- Mitral Regurgitation Mild
- Tricuspid Regurgitation Mild
- Kontraktilitas RV Normal

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(Cardiologist)