

# HASIL ECHOCARDIOGRAPHY

Name **m. sumarto,**  
 Patient Id **167993**  
 Birthdate **31/10/1963**

Age **60 years**  
 Gender **Male**  
 Date **25/08/2024**

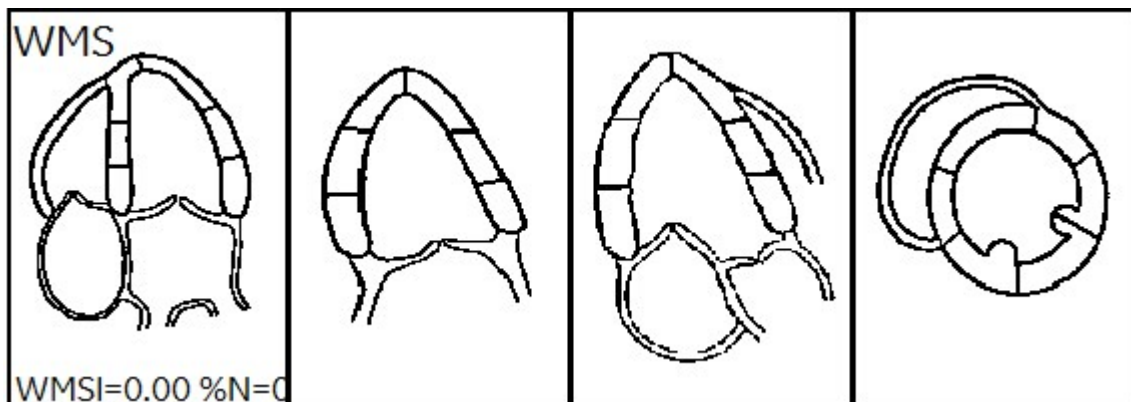
## 2D

## M-Mode

Ao Diam	2.9 cm
LA Diam	3.2 cm
LA/Ao	1.09
IVSd	1.4 cm
LVIDd	5.3 cm
LVPWd	1.4 cm
IVSs	1.5 cm
LVIDs	4.2 cm
LVPWs	1.5 cm
EDV(Teich)	136 ml
ESV(Teich)	79 ml
EF(Teich)	42 %
%FS	21 %
SV(Teich)	57 ml
LVd Mass Index	171.12 g/m <sup>2</sup>
RWT	0.52
RVIDd	2.9 cm
TAPSE	1.64 cm

## Doppler

MV E Vel	0.37 m/s
MV DecT	202 m s
MV Dec Slope	1.8 m/s <sup>2</sup>
MV A Vel	0.62 m/s
MV E/A Ratio	0.59
E' Sept	0.04 m/s
E/E' Sept	10.15
E' Lat	0.04 m/s
E/E' Lat	10.31
E' Avg	0.04 m/s
E/E' Avg	10.23
MR Vmax	1.20 m/s
MR Vmean	1.07 m/s
MR maxPG	5.81 mmHg
MR meanPG	4.78 mmHg
MR VTI	29.4 cm
PV AccT	164 m s
PV Acc Slope	2.5 m/s <sup>2</sup>
TR Vmax	3.43 m/s
TR maxPG	47.01 mmHg
mPAP	5.36



**Findings**

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 42 %
- Kontraktilitas RV : Menurun , TAPSE : 1.64 cm
- Analisa segmental : Hipokinetik basal-mid anterior, anteroseptal, normkokinetik segmen lain
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (-)
- Katup Mitral : Mitral Regurgitation Moderate
- Katup Trikuspid : Tricuspid Regurgitation Severe
- Katup Pulmonal : Normal , PV acct : m/s
- Doppler : E/A 0.59 DT : m/s E/e' 10.23

**Kesimpulan**

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 42 %
- Fungsi diastolik LV grade 3
- Global Hipokinetik
- Tricuspid Regurgitation Severe
- Mitral Regurgitation Moderate
- Kontraktilitas RV Menurun

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