

# HASIL ECHOCARDIOGRAPHY

Name **suratno,**  
Patient Id **166194**  
Birthdate **06/06/1946**

Age **78 years**  
Gender **Male**  
Date **18/11/2024**

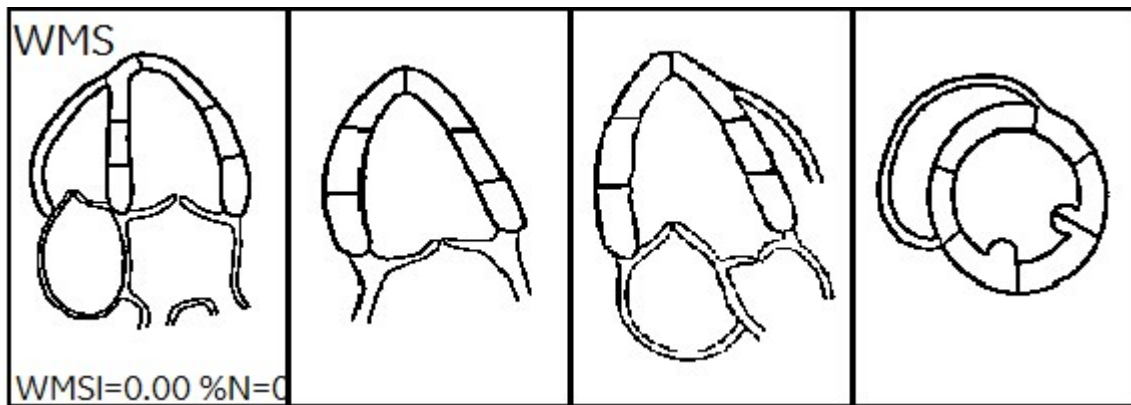
## 2D

### M-Mode

Ao Diam	3.1 cm
LA Diam	2.6 cm
LA/Ao	0.86
IVSd	0.9 cm
LVIDd	5.6 cm
LVPWd	1.0 cm
IVSs	1.1 cm
LVIDs	4.6 cm
LVPWs	1.6 cm
EDV(Teich)	152 ml
ESV(Teich)	99 ml
EF(Teich)	35 %
%FS	17 %
SV(Teich)	53 ml
LVd Mass Index	151.62 g/m <sup>2</sup>
RWT	0.35
RVIDd	2.4 cm
TAPSE	1.35 cm

### Doppler

MV E Vel	0.45 m/s
MV DecT	192 m/s
MV Dec Slope	2.3 m/s <sup>2</sup>
MV A Vel	0.69 m/s
MV E/A Ratio	0.65
E' Sept	0.03 m/s
E/E' Sept	13.91
E' Lat	0.03 m/s
E/E' Lat	13.46
E' Avg	0.03 m/s
E/E' Avg	13.68
MR Vmax	3.02 m/s
MR Vmean	2.40 m/s
MR maxPG	36.48 mmHg
MR meanPG	25.68 mmHg
MR VTI	120.3 cm
AR Vmax	2.82 m/s
AR maxPG	31.76 mmHg
AR PHT	968 m/s
AR Dec Time	3338 m/s
AR Dec Slope	0.8 m/s <sup>2</sup>
PV AccT	114 m/s
PV Acc Slope	4.4 m/s <sup>2</sup>
TR Vmax	3.28 m/s
TR maxPG	43.13 mmHg
mPAP	27.62



### Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 35 %
- Kontraktilitas RV : Menurun , TAPSE : 1.35 cm
- Analisa segmental : Global Hipokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Moderate
- Katup Mitral : Mitral Regurgitation Moderate
- Katup Trikuspid : Tricuspid Regurgitation Moderate
- Katup Pulmonal : Normal , PV acct : 114 m/s
- Doppler : E/A 0.65 DT : 192 m/s E/e' 13.68

### Kesimpulan

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 35 %
- Disfungsi diastolik LV grade 3
- Global Hipokinetik
- Mitral Regurgitation Severe
- Tricuspid Regurgitation Severe
- Aortic Regurgitation Severe
- Kontraktilitas RV Menurun

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(Cardiologist)