

## HASIL ECHOCARDIOGRAPHY

Name **satino,**  
Patient Id **160003**  
Birthdate **01/11/1973**

Age **50 years**  
Gender **Male**  
Date **26/02/2024**

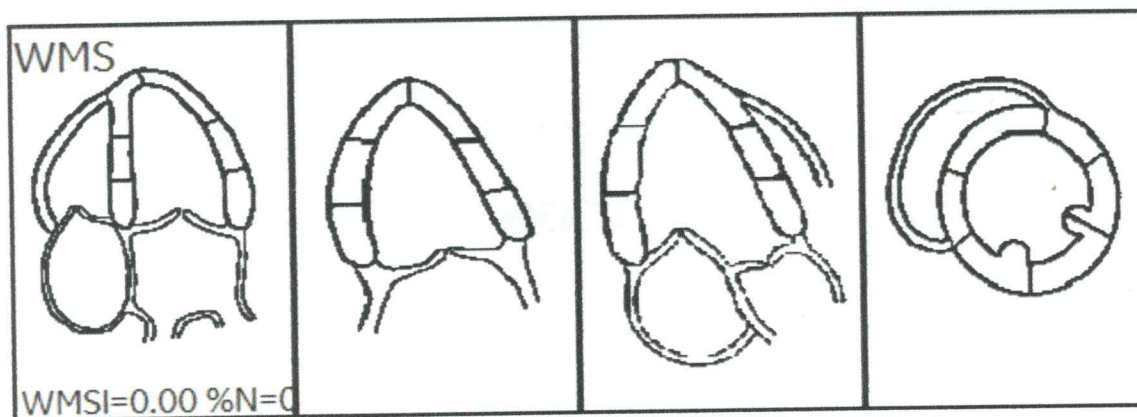
### 2D

#### M-Mode

Ao Diam	2.2 cm
LA Diam	3.6 cm
LA/Ao	1.61
IVSd	1.0 cm
LVIDd	5.4 cm
LVPWd	1.4 cm
IVSs	1.1 cm
LVIDs	4.7 cm
LVPWs	1.8 cm
EDV(Teich)	141 ml
ESV(Teich)	105 ml
EF(Teich)	26 %
%FS	12 %
SV(Teich)	37 ml
LVd Mass Index	204.31 g/m <sup>2</sup>
RWT	0.51
RVIDd	3.0 cm
TAPSE	1.31 cm

#### Doppler

MV E Vel	0.88 m/s
MV DecT	161 ms
MV Dec Slope	5.5 m/s <sup>2</sup>
MV A Vel	0.29 m/s
MV E/A Ratio	3.00
E' Sept	0.02 m/s
E/E' Sept	37.89
E' Lat	0.04 m/s
E/E' Lat	19.70
E' Avg	0.03 m/s
E/E' Avg	25.92
MR Vmax	1.51 m/s
MR Vmean	1.29 m/s
MR maxPG	9.14 mmHg
MR meanPG	6.93 mmHg
MR VTI	51.9 cm
AR Vmax	1.28 m/s
AR maxPG	6.50 mmHg
AR PHT	1080 ms
AR Dec Time	3726 ms
AR Dec Slope	0.3 m/s <sup>2</sup>
PV AccT	103 ms
PV Acc Slope	3.0 m/s <sup>2</sup>
PR Vmax	1.96 m/s
PR maxPG	15.39 mmHg
PR PHT	1092 ms
PR DecT	3765 ms
PR Dec Slope	0.5 m/s <sup>2</sup>
TR Vmax	3.19 m/s
TR maxPG	40.75 mmHg
mPAP	32.76

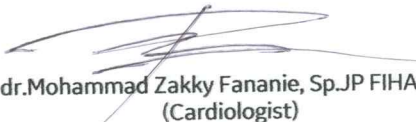


### Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 26 %
- Kontraktilitas RV : Menurun , TAPSE : 1.31 cm
- Analisa segmental : Global Hipokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Mild
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Tricuspid Regurgitation Severe
- Katup Pulmonal : Pulmonal Regurgitation Mild ,PV acct : 103 m/s
- Doppler : E/A 3.0 DT : 161 m/s E/e' 25.92

### Kesimpulan

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 26 %
- Disfungsi diastolik LV grade 3
- Global Hipokinetik
- Tricuspid Regurgitation Severe
- Mitral Regurgitation Mild
- Tricuspid Regurgitation Mild
- Aortic Regurgitation Mild
- Kontraktilitas RV Menurun

  
dr.Mohammad Zakky Fananie, Sp.JP FIHA  
(Cardiologist)