

HASIL ECHOCARDIOGRAPHY

Name **adi hermawan,**
Patient Id **164657**
Birthdate **21/05/1981**

Age **43 years**
Gender **Male**
Date **12/09/2024**

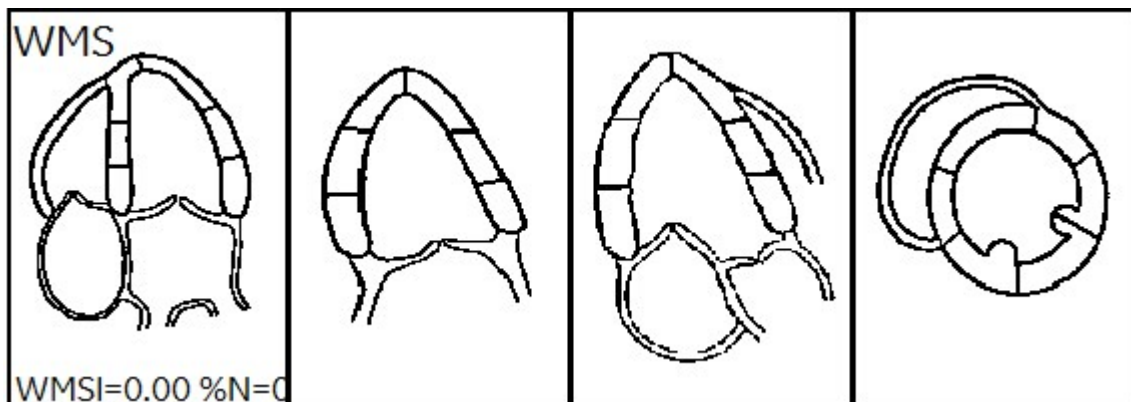
2D

M-Mode

Ao Diam	3.0 cm
LA Diam	2.9 cm
LA/Ao	0.98
IVSd	1.0 cm
LVIDd	4.2 cm
LVPWd	1.1 cm
IVSs	1.1 cm
LVIDs	3.1 cm
LVPWs	1.3 cm
EDV(Teich)	76 ml
ESV(Teich)	39 ml
EF(Teich)	49 %
%FS	24 %
SV(Teich)	37 ml
LVd Mass Index	86.78 g/m ²
RWT	0.51
RVIDd	2.9 cm
TAPSE	2.36 cm

Doppler

MV E Vel	0.79 m/s
MV DecT	188 ms
MV Dec Slope	4.2 m/s ²
MV A Vel	0.57 m/s
MV E/A Ratio	1.39
E' Sept	0.08 m/s
E/E' Sept	10.08
E' Lat	0.10 m/s
E/E' Lat	8.23
E' Avg	0.09 m/s
E/E' Avg	9.06
MR Vmax	1.78 m/s
MR Vmean	1.60 m/s
MR maxPG	12.64 mmHg
MR meanPG	10.60 mmHg
MR VTI	58.6 cm
PV AccT	84 ms
PV Acc Slope	5.0 m/s ²
TR Vmax	1.41 m/s
TR maxPG	7.98 mmHg
mPAP	41.32



Findings

- Dimensi ruang jantung : Normal
- Concentric Remodelling (+)
- Kontraktilitas LV : Menurun , EF : 49 %
- Kontraktilitas RV : Normal , TAPSE : 2.36 cm
- Analisa segmental : Hipokinetik basal-mid 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 : 84 m/s
- Doppler : E/A 1.39 DT : 188 m/s E/e' 9.06

Kesimpulan

- Concentric Remodelling
- Fungsi sistolik global dan segmental LV Menurun , EF 49 %
- Disfungsi diastolik LV grade 1
- Abnormality Segmental Wall Motion
- Mitral Regurgitation Mild
- Tricuspid Regurgitation Mild
- Kontraktilitas RV Normal

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