



HASIL ECHOCARDIOGRAPHY

Name **umbaryanto,**
Patient Id **057308**
Birthdate **18/09/1955**

Age **68 years**
Gender **Male**
Date **09/10/2023**

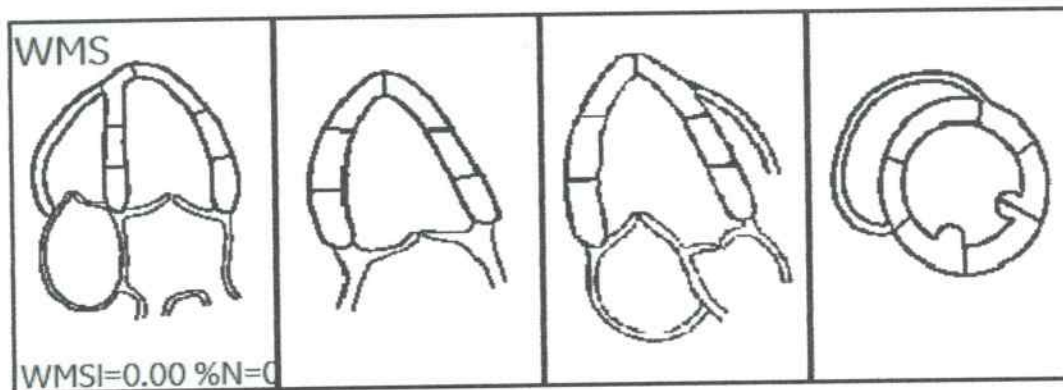
2D

M-Mode

Ao Diam	2.3 cm
LA Diam	2.7 cm
LA/Ao	1.18
IVSd	1.1 cm
LVIDd	4.9 cm
LVPWd	1.2 cm
IVSs	1.4 cm
LVIDs	3.5 cm
LVPWs	1.5 cm
EDV(Teich)	113 ml
ESV(Teich)	49 ml
EF(Teich)	56 %
%FS	29 %
SV(Teich)	63 ml
LVd Mass Index	122.18 g/m ²
RWT	0.47
RVIDd	3.4 cm
TAPSE	1.56 cm

Doppler

MV E Vel	0.65 m/s
MV DecT	272 ms
MV Dec Slope	2.4 m/s ²
MV A Vel	0.39 m/s
MV E/A Ratio	1.65
E' Sept	0.05 m/s
E/E' Sept	12.17
E' Lat	0.08 m/s
E/E' Lat	8.25
E' Avg	0.07 m/s
E/E' Avg	9.84
MR Vmax	2.41 m/s
MR Vmean	2.04 m/s
MR maxPG	23.29 mmHg
MR meanPG	17.96 mmHg
MR VTI	86.8 cm
PV AccT	137 ms
PV Acc Slope	3.9 m/s ²
PR Vmax	1.72 m/s
PR maxPG	11.81 mmHg
PR PHT	324 ms
PR DecT	1116 ms
PR Dec Slope	1.5 m/s ²
TR Vmax	2.91 m/s
TR maxPG	33.93 mmHg
mPAP	17.34



Findings

- Dimensi ruang jantung : RA dan RV dilatasi
- LVH Konsentrik (+)
- Kontraktilitas LV : Normal , EF : 56 %
- Kontraktilitas RV : Normal , TAPSE : 1.56 cm
- Analisa segmental : Global Normokinetik
- Katup Aorta : 3 Kuspis, Kalsifikasi (-) AR (-)
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Trikuspid Regurgitation Moderate
- Katup Pulmonal : Pulmonal Regurgitation Severe , PV acct : 137 m/s
- Doppler : E/A 1.65 DT : 272 m/s E/e' 9.84

Kesimpulan

- LVH Konsentrik
- RA-RV Dilatasi
- Fungsi sistolik global dan segmental LV Normal , EF 56 %
- Disfungsi diastolik LV grade 1
- Global Normokinetik
- Pulmonal Regurgitation Severe
- Trikuspid Regurgitation Moderate
- Mitral Regurgitation Mild
- Kontraktilitas RV Menurun


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