

HASIL ECHOCARDIOGRAPHY

Name **nurul arifin,**
Patient Id **170729**
Birthdate **10/01/2004**

Age **20 years**
Gender **Female**
Date **25/10/2024**

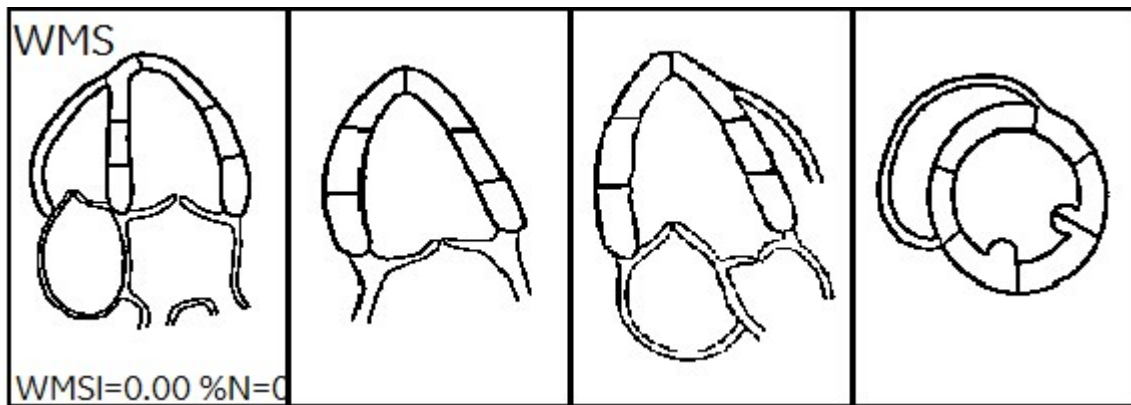
2D

M-Mode

Ao Diam	2.4 cm
LA Diam	2.1 cm
LA/Ao	0.86
IVSd	0.8 cm
LVIDd	4.0 cm
LVPWd	0.8 cm
IVSs	0.9 cm
LVIDs	2.6 cm
LVPWs	1.3 cm
EDV(Teich)	71 ml
ESV(Teich)	24 ml
EF(Teich)	66 %
%FS	36 %
SV(Teich)	47 ml
LVd Mass Index	68.51 g/m ²
RWT	0.39
RVIDd	2.1 cm
TAPSE	1.79 cm

Doppler

MV E Vel	0.89 m/s
MV DecT	218 m s
MV Dec Slope	4.1 m/s ²
MV A Vel	0.45 m/s
MV E/A Ratio	2.00
E' Sept	0.08 m/s
E/E' Sept	11.68
E' Lat	0.13 m/s
E/E' Lat	7.14
E' Avg	0.10 m/s
E/E' Avg	8.86
MR Vmax	1.62 m/s
MR Vmean	1.47 m/s
MR maxPG	10.50 mmHg
MR meanPG	8.90 mmHg
MR VTI	53.8 cm
PV AccT	186 m s
PV Acc Slope	4.1 m/s ²
RVOT Vmax	0.73 m/s
RVOT Vmean	0.48 m/s
RVOT maxPG	2.11 mmHg
RVOT meanPG	1.11 mmHg
RVOT VTI	15.7 cm
PR Vmax	1.60 m/s
PR maxPG	10.28 mmHg
PR PHT	1336 m s
PR DecT	4608 m s
PR Dec Slope	0.3 m/s ²
TR Vmax	1.60 m/s
TR maxPG	10.18 mmHg
mPAP	4.92



Findings

- Dimensi ruang jantung : Normal
- LVH (-)
- Kontraktilitas LV : Normal , EF : 66 %
- Kontraktilitas RV : Normal , TAPSE : 1.79 cm
- Analisa segmental : Global Normokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (-)
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Tricuspid Regurgitation Mild
- Katup Pulmonal : Pulmonal Regurgitation Mild ,PV acct : 186 m/s
- Doppler : E/A 2.00 DT : 218 m/s E/e' 8.86

Kesimpulan

- Fungsi sistolik global dan segmental LV Normal , EF 66 %
- Disfungsi diastolik LV grade 1
- Global Normokinetik
- Pulmonal Regurgitation Mild
- Mitral Regurgitation Mild
- Tricuspid Regurgitation Mild
- Kontraktilitas RV Normal

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(Cardiologist)