

# HASIL ECHOCARDIOGRAPHY

Name **yanta,**  
Patient Id **164901**  
Birthdate **22/08/1965**

Age **58 years**  
Gender **Male**  
Date **10/06/2024**

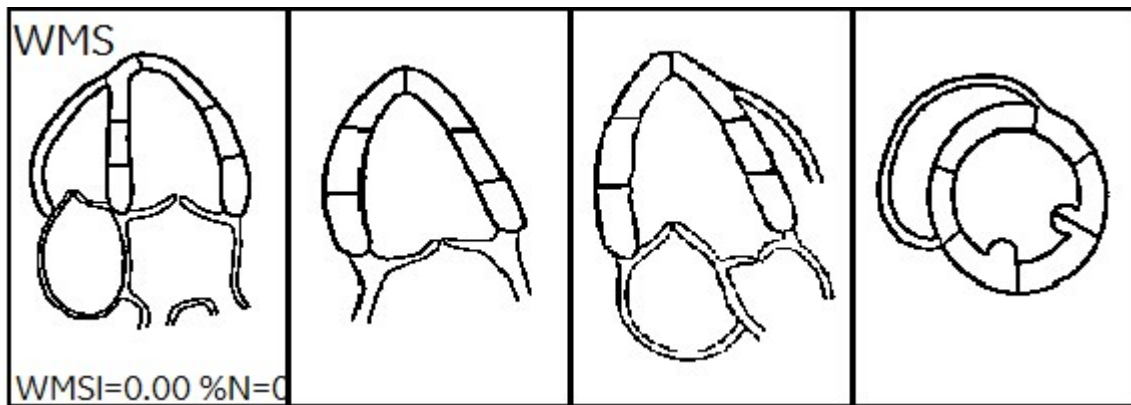
## 2D

### M-Mode

|                |                         |
|----------------|-------------------------|
| Ao Diam        | 2.6 cm                  |
| LA Diam        | 1.9 cm                  |
| LA/Ao          | 0.75                    |
| IVSd           | 1.2 cm                  |
| LVIDd          | 5.6 cm                  |
| LVPWd          | 1.4 cm                  |
| IVSs           | 1.5 cm                  |
| LVIDs          | 4.6 cm                  |
| LVPWs          | 1.9 cm                  |
| EDV(Teich)     | 152 ml                  |
| ESV(Teich)     | 97 ml                   |
| EF(Teich)      | 36 %                    |
| %FS            | 18 %                    |
| SV(Teich)      | 55 ml                   |
| LVd Mass Index | 209.56 g/m <sup>2</sup> |
| RWT            | 0.51                    |
| RVIDd          | 2.2 cm                  |
| TAPSE          | 1.78 cm                 |

### Doppler

|              |                      |
|--------------|----------------------|
| MV E Vel     | 0.61 m/s             |
| MV DecT      | 214 m s              |
| MV Dec Slope | 2.8 m/s <sup>2</sup> |
| MV A Vel     | 0.80 m/s             |
| MV E/A Ratio | 0.76                 |
| E' Sept      | 0.07 m/s             |
| E/E' Sept    | 9.15                 |
| E' Lat       | 0.03 m/s             |
| E/E' Lat     | 18.32                |
| E' Avg       | 0.05 m/s             |
| E/E' Avg     | 12.21                |
| MR Vmax      | 1.38 m/s             |
| MR Vmean     | 1.27 m/s             |
| MR maxPG     | 7.66 mmHg            |
| MR meanPG    | 6.52 mmHg            |
| MR VTI       | 31.4 cm              |
| AR Vmax      | 1.57 m/s             |
| AR maxPG     | 9.83 mmHg            |
| AR PHT       | 1078 m s             |
| AR Dec Time  | 3716 m s             |
| AR Dec Slope | 0.4 m/s <sup>2</sup> |
| PV AccT      | 167 m s              |
| PV Acc Slope | 4.4 m/s <sup>2</sup> |
| TR Vmax      | 1.03 m/s             |
| TR maxPG     | 4.21 mmHg            |
| mPAP         | 3.64                 |



### Findings

- Dimensi ruang jantung : LV Dilatasi
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 36 %
- Kontraktilitas RV : Normal , TAPSE : 1.78 cm
- Analisa segmental : Global Hip[okinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Mild
- Katup Mitral : Mitral Regurgitation Mild
- Katup Trikuspid : Tricuspid Regurgitation Mild
- Katup Pulmonal : Normal , PV acct : 167 m/s
- Doppler : E/A 0.76 DT : 214 m/s E/e' 12.21

### Kesimpulan

- LVH Eksentrik
- Fungsi sistolik global dan segmental LV Menurun , EF 36 %
- Fungsi diastolik LV grade 3
- Global Hipokinetik
- Mitral Regurgitation Mild
- Aortic Regurgitation Mild
- Tricuspid Regurgitation Mild
- Kontraktilitas RV Normal

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(Cardiologist)