

# HASIL ECHOCARDIOGRAPHY

Name **sardi,**  
Patient Id **124521**  
Birthdate **30/04/1950**

Age **74 years**  
Gender **Male**  
Date **11/10/2024**

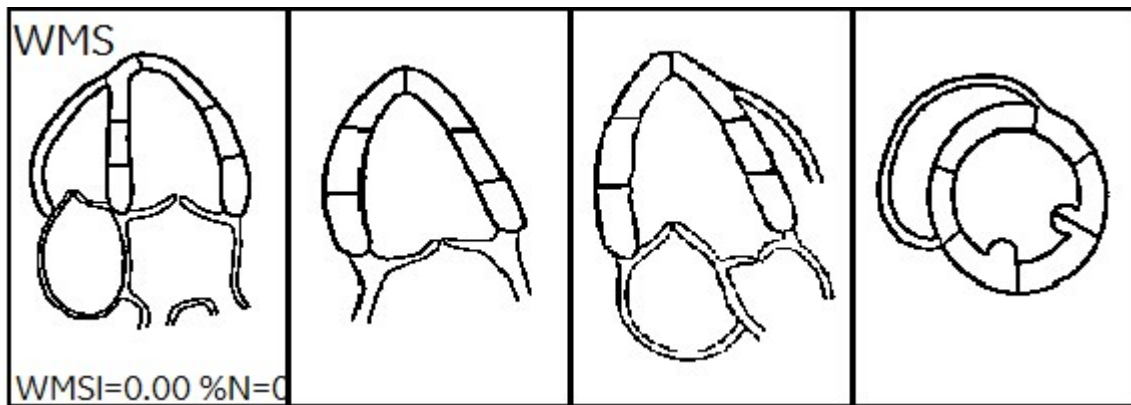
## 2D

### M-Mode

|                |                         |
|----------------|-------------------------|
| Ao Diam        | 3.1 cm                  |
| LA Diam        | 3.6 cm                  |
| LA/Ao          | 1.17                    |
| IVSd           | 1.4 cm                  |
| LVIDd          | 5.6 cm                  |
| LVPWd          | 1.3 cm                  |
| IVSs           | 1.6 cm                  |
| LVIDs          | 4.6 cm                  |
| LVPWs          | 1.5 cm                  |
| EDV(Teich)     | 153 ml                  |
| ESV(Teich)     | 100 ml                  |
| EF(Teich)      | 35 %                    |
| %FS            | 17 %                    |
| SV(Teich)      | 54 ml                   |
| LVd Mass Index | 252.83 g/m <sup>2</sup> |
| RWT            | 0.46                    |
| RVIDd          | 3.0 cm                  |
| TAPSE          | 1.70 cm                 |

### Doppler

|              |                      |
|--------------|----------------------|
| MV E Vel     | 1.12 m/s             |
| MV DecT      | 240 m/s              |
| MV Dec Slope | 4.7 m/s <sup>2</sup> |
| MV A Vel     | 1.14 m/s             |
| MV E/A Ratio | 0.98                 |
| E' Sept      | 0.06 m/s             |
| E/E' Sept    | 17.70                |
| E' Lat       | 0.14 m/s             |
| E/E' Lat     | 7.98                 |
| E' Avg       | 0.10 m/s             |
| E/E' Avg     | 11.00                |
| MR Vmax      | 5.35 m/s             |
| MR Vmean     | 4.56 m/s             |
| MR maxPG     | 114.46 mmHg          |
| MR meanPG    | 87.41 mmHg           |
| MR VTI       | 156.1 cm             |
| AR Vmax      | 2.63 m/s             |
| AR maxPG     | 27.72 mmHg           |
| AR PHT       | 721 m/s              |
| AR Dec Time  | 2486 m/s             |
| AR Dec Slope | 1.1 m/s <sup>2</sup> |
| PV AccT      | 179 m/s              |
| PV Acc Slope | 3.3 m/s <sup>2</sup> |
| TR Vmax      | 3.05 m/s             |
| TR maxPG     | 37.13 mmHg           |
| mPAP         | 1.49                 |



### Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 35 %
- Kontraktilitas RV : Menurun , TAPSE : 1.70 cm
- Analisa segmental : Global hipokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Moderate
- Katup Mitral : Mitral Regurgitation Severe
- Katup Trikuspid : Tricuspid Regurgitation Moderate
- Katup Pulmonal : Normal , PV acct : 179 m/s
- Doppler : E/A 0.98 DT : 240 m/s E/e' 11

### Kesimpulan

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 35 %
- Disfungsi diastolik LV grade 3
- Global Hipokinetik
- Mitral Regurgitation Severe
- Aortic Regurgitation Moderate
- Tricuspid Regurgitation Moderate
- Kontraktilitas RV Menurun

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(Cardiologist)