

# HASIL ECHOCARDIOGRAPHY

Name **singat,**  
Patient Id **167948**  
Birthdate **01/01/1960**

Age **64 years**  
Gender **Male**  
Date **25/08/2024**

## 2D

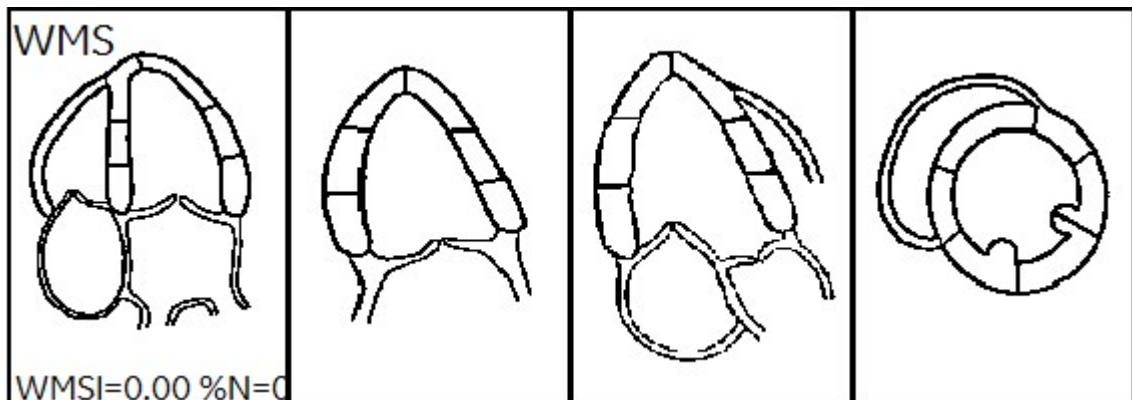
MVA Planimetry 0.2 cm<sup>2</sup>

## M-Mode

Ao Diam	2.6 cm
LA Diam	4.8 cm
LA/Ao	1.88
IVSd	1.3 cm
LVIDd	5.7 cm
LVPWd	1.4 cm
IVSs	1.4 cm
LVIDs	4.4 cm
LVPWs	1.7 cm
EDV(Teich)	158 ml
ESV(Teich)	86 ml
EF(Teich)	46 %
%FS	23 %
SV(Teich)	72 ml
LVd Mass Index	254.46 g/m <sup>2</sup>
RWT	0.51
RVIDd	3.0 cm
TAPSE	1.34 cm

## Doppler

AR Vmax	2.13 m/s
AR maxPG	18.15 mmHg
AR PHT	627 ms
AR Dec Time	2161 ms
AR Dec Slope	1.0 m/s <sup>2</sup>
PV AccT	122 ms
PV Acc Slope	3.1 m/s <sup>2</sup>
PR Vmax	2.05 m/s
PR maxPG	16.80 mmHg
PR PHT	868 ms
PR DecT	2991 ms
PR Dec Slope	0.7 m/s <sup>2</sup>
TR Vmax	3.88 m/s
TR maxPG	60.29 mmHg
mPAP	24.20



## Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)

- Kontraktilitas LV : Menurun , EF : 46 %
- Kontraktilitas RV : Menurun , TAPSE : 1.34 cm
- Analisa segmental : Global Hipokinetik
- Katup Aorta : 3 Kuspis, Kalsifikasi (-) AR (-) Vegetasi (?)
- Katup Mitral : Dooming (+), Pergerakan 4 , Penebalan 4 , Kalsifikasi 4 , Fusi Korda 4 (Wilkin Score 12 ) . MVA (planimetri) : 0.2 cm
- Katup Trikuspid : Tricuspid Regurgitation Severe, TVG : 60.29 mmHg, TR Vmax : 3.88 m/s
- Katup Pulmonal : Normal ,PV acut : 122 m/s
- Katup Aorta : Aorta Regurgitation Moderate

#### Kesimpulan

- Mitral Stenosis Severe, Wilkin Score (12 points)
- Tricuspid Regurgitation Severe, High Probability of Pulmonary Hypertension
- Aorta Regurgitation Moderate
- Fungsi sistolik LV Menurun
- Kontraktilitas RV Menurun
- LASEC (-), Thrombus di LAA (-)

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(Cardiologist)