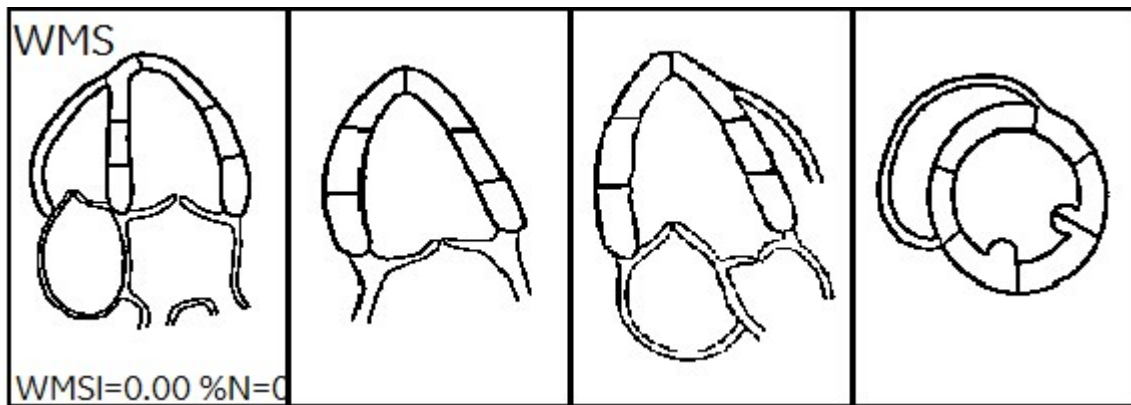


# HASIL ECHOCARDIOGRAPHY

Name **muh cahyo suwarno,**  
Patient Id **170837**  
Birthdate **08/09/1971**

Age **53 years**  
Gender **Male**  
Date **28/10/2024**

<u>2D</u>		<u>M-Mode</u>		<u>Doppler</u>	
R-R	167 m s	Ao Diam	3.0 cm	MV E Vel	1.08 m/s
HR	358 BPM	LA Diam	3.9 cm	MV DecT	161 m s
		LA/Ao	1.30	MV Dec Slope	6.7 m/s <sup>2</sup>
		IVSd	1.2 cm	MV A Vel	0.52 m/s
		LVIDd	6.5 cm	MV E/A Ratio	2.06
		LVPWd	1.2 cm	E' Sept	0.06 m/s
		IVSs	1.3 cm	E/E' Sept	17.12
		LVIDs	5.4 cm	E' Lat	0.08 m/s
		LVPWs	1.5 cm	E/E' Lat	14.22
		EDV(Teich)	213 ml	E' Avg	0.07 m/s
		ESV(Teich)	144 ml	E/E' Avg	15.54
		EF(Teich)	32 %	MR Vmax	6.69 m/s
		%FS	16 %	MR Vmean	6.44 m/s
		SV(Teich)	69 ml	MR maxPG	178.84 mmHg
		LVd Mass Index	250.86 g/m <sup>2</sup>	MR meanPG	166.11 mmHg
		RWT	0.38	MR VTI	227.8 cm
		RVIDd	3.0 cm	AR Vmax	1.52 m/s
		TAPSE	1.18 cm	AR maxPG	9.21 mmHg
				AR PHT	1255 m s
				AR Dec Time	4328 m s
				AR Dec Slope	0.4 m/s <sup>2</sup>
				PV AccT	118 m s
				PV Acc Slope	6.7 m/s <sup>2</sup>
				PR Vmax	1.83 m/s
				PR maxPG	13.33 mmHg
				PR PHT	2700 m s
				PR DecT	9310 m s
				PR Dec Slope	0.2 m/s <sup>2</sup>
				TR Vmax	3.25 m/s
				TR maxPG	42.29 mmHg
				mPAP	25.91



### Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 32 %
- Kontraktilitas RV : Menurun , TAPSE : 1.18 cm
- Analisa segmental : Global Hipokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Mild
- Katup Mitral : Mitral Regurgitation Severe
- Katup Trikuspid : Tricuspid Regurgitation Moderate-Severe
- Katup Pulmonal : Pulmonal Regurgitation Mild ,PV acct : 118 m/s
- Doppler : E/A 2.06 DT : 161 m/s E/e' 15.54

### Kesimpulan

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 32 %
- Disfungsi diastolik LV grade 3
- Global Hipokinetik
- Mitral Regurgitation Moderate-Severe
- Tricuspid Regurgitation Moderate-Severe
- Aortic Regurgitation Mild
- Pulmonal Regurgitation Mild
- Kontraktilitas RV Menurun

dr.Mohammad Zakky Fananie, Sp.JP FIHA  
(Cardiologist)