

# HASIL ECHOCARDIOGRAPHY

Name **Ianjar,**  
Patient Id **170838**  
Birthdate **09/11/1966**

Age **57 years**  
Gender **Male**  
Date **28/10/2024**

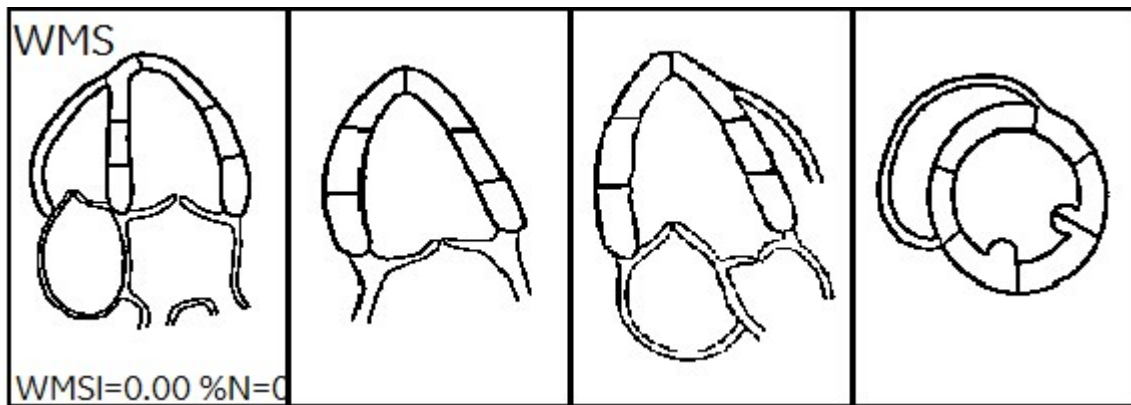
## 2D

### M-Mode

Ao Diam	3.0 cm
LA Diam	3.3 cm
LA/Ao	1.10
IVSd	1.0 cm
LVIDd	6.6 cm
LVPWd	1.7 cm
IVSs	1.1 cm
LVIDs	5.7 cm
LVPWs	2.1 cm
EDV(Teich)	221 ml
ESV(Teich)	162 ml
EF(Teich)	27 %
%FS	13 %
SV(Teich)	59 ml
LVd Mass Index	309.72 g/m <sup>2</sup>
RWT	0.52
RVIDd	2.8 cm
TAPSE	1.57 cm

### Doppler

MV E Vel	0.68 m/s
MV DecT	141 m/s
MV Dec Slope	4.8 m/s <sup>2</sup>
MV A Vel	0.31 m/s
MV E/A Ratio	2.17
E' Sept	0.03 m/s
E/E' Sept	21.02
E' Lat	0.03 m/s
E/E' Lat	23.33
E' Avg	0.03 m/s
E/E' Avg	22.11
MR Vmax	2.79 m/s
MR Vmean	2.27 m/s
MR maxPG	31.17 mmHg
MR meanPG	22.61 mmHg
MR VTI	99.2 cm
AR Vmax	1.63 m/s
AR maxPG	10.64 mmHg
AR PHT	1621 m/s
AR Dec Time	5588 m/s
AR Dec Slope	0.3 m/s <sup>2</sup>
PV AccT	156 m/s
PV Acc Slope	3.3 m/s <sup>2</sup>
TR Vmax	3.01 m/s
TR maxPG	36.33 mmHg
mPAP	8.78



### Findings

- Dimensi ruang jantung : Dilated All Chambers
- LVH Eksentrik (+)
- Kontraktilitas LV : Menurun , EF : 27 %
- Kontraktilitas RV : Menurun , TAPSE : 1.57 cm
- Analisa segmental : Global Hipokinetik
- Katup Aorta : 3 Kuspid, Kalsifikasi (-) AR (+) Mild
- Katup Mitral : Mitral Regurgitation Moderate-Severe
- Katup Trikuspid : Tricuspid Regurgitation Moderate-Severe
- Katup Pulmonal : Normal , PV acct : 156 m/s
- Doppler : E/A 2.17 DT : 141 m/s E/e' 22.11

### Kesimpulan

- LVH Eksentrik
- Dilated All Chambers
- Fungsi sistolik global dan segmental LV Menurun , EF 27 %
- Disfungsi diastolik LV grade 3
- Global Hipokinetik
- Mitral Regurgitation Moderate-Severe
- Tricuspid Regurgitation Moderate-Severe
- Aortic Regurgitation Mild
- Kontraktilitas RV Menurun

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