

NAME : ARRIESGADO, RICARDO JR CATAPANG
AGE/SEX/ROOM : 44/M/407
DATE OF BIRTH : 10/14/80
CASE NUMBER : 2025-2016
DATE OF EXAM : 08/02/25
PHYSICIAN : DR. GARGANERA-TUGBANG

ECHOCARDIOGRAPHY REPORT

DIMENSION		NORMAL RANGE	FUNCTION		NORMAL RANGE
LV (ed)	4.83	4.5 - 5.0	LVEDV		425 ml
LV (es)	2.87		LVESV		350 ml
RV (ed)	2.60	2.2 - 4.0	STROKE VOLUME		74 ml
LA (es)	3.62	3.0 - 3.5	CARDIAC OUTPUT		L/min
RA (es)	3.30	3.5 - 4.5	EJECTION FRACTION %	71.00%	53.0 - 77.0
AORTA	2.67	3.5	FS %	40.50%	28.0 - 42.0
PA	2.06	3.0 - 4.0	VCF(CIR/SEC)		0.6 - 1.5
IVS (ed)	1.01	0.8 - 1.1	EPSS	74.00	<= 1.0
IVS (es)	1.35		WALL STRESS (S)		< 195
LVPW (ed)	1.08	0.8 - 1.1	WALL STRESS (D)		< 600
LVPW (es)	1.28		RVOT	2.79	
MV ANNU	2.45		HEART RATE		bpm
TV ANNU	2.08		LVET		
LVOT	2.33		AoC =	DE=	EF= mm/s

COLOR FLOW DOPPLER STUDIES

VALV ES	VELOCITY (m/sec)	PEAK GRADIENT (m mHg)	ORIFICE AREA (c m ²)	REGURGITATION
AORTIC VALVE	1.06 1.34	4.48 720.00		
MITRAL VALVE	0.78 0.71	2.44 2.03		
TRICUSPID VALVE	0.66 0.27	1.77 0.29		
PULMONIC VALVE	0.74	2.21		
PA PRESSURE	PAT =128			

Normal left ventricular cavity with left ventricular mass index of 93.14 gm/m² and relative wall thickness of 0.45 with normal wall motion, contractility and systolic function.

Normal left and right atria. LAVI of 25.23 ml/m².

Normal right ventricular dimension with good contractility. TAPSE 2.61 cm.

Normal aortic root dimension and visible proximal ascending aorta.

Structurally normal aortic valve leaflets with no restriction of leaflet motion.

Structurally normal mitral valve with no restriction of motion.

Structurally normal tricuspid valve.

Intact interatrial septum and interventricular septum.

No intracardiac thrombus or pericardial effusion.

COLOR FLOW DOPPLER STUDIES:

Normal estimated pulmonary arterial pressure by pulmonary acceleration time and tricuspid regurgitation jet.

CONCLUSION:

CONCENTRIC LEFT VENTRICULAR REMODELING WITH GOOD WALL MOTION, CONTRACTILITY, AND SYSTOLIC FUNCTION.

LOW PROBABILITY OF PULMONARY HYPERTENSION.

KRISTY BRILLANTES GARGANERA-TUGBANG, MD, FPCP, FPCC
ECHOCARDIOGRAPHER