

Date : July 15, 2017

Echocardiography Report

MR ID : OP - 2710898
Patient Name : Zakeia Nader Hussein
Age : 30Y-11M
Cardiologist : DR. AMR TALAL BANNAN/20208

Clinical Data:

Echo Technician: CRISTY

Tape Number: G.E.

Measurements :

Parameter	Measure	Normal Range
Enddiastolic Diameter (LVEDD)	2.3	3.5-5.7
Endsystolic Diameter (LVESD)	1.6	
Enddiastolic Volume (LVED volume)		
Endsystolic Volume (LEVS Volume)		
Stroke Volume (SV)		
Fractional Shortening(FS)	31%	34-44%
Ejection Fraction (EF)	50-55%	50-80%
Septal Wall Thickness(SWT)	1.0	.7-1.1
Posterior Wall Thickness (PWT)	1.0	.7-1.1
Aortic root (AR)	2.4	2.0-3.7
Left Atrium (LA)	2.9	1.9-4.0
Right Ventricle (RV)	3.3	0.9-2.6
Pulmonary Artery Systolic Pressure (PASP)	120 mmHg	

Valves :

Valves Name	Peak Gradient	Mean Gradient	Area	Regurgitation
Aortic				
Mitral				trivial
Tricuspid				severe
Pulmonary				
Artificial				

Report:

- * Normal left ventricular internal dimensions with borderline left ventricular systolic function, EF=50-55%.
- * No segmental wall motion abnormalities detected at rest apart from paradoxical septal wall motion with compressed interventricular septum (D-shape left ventricle) reducing the size of LV cavity.
- * Grade I diastolic dysfunction.
- * Mild right ventricle systolic dysfunction.
- * Markedly dilated RA and RV with severe tricuspid regurgitation, estimated PASP=120mmHg.
- * Normal left atrium.
- * Normal mitral valve with trivial mitral regurgitation.
- * Normal aortic valve with normal flow.
- * Normal pulmonary valve and dilated pulmonary trunk.
- * No intracardiac masses or thrombi.
- * No pericardial effusion.
- * Intracardiac shunts cannot be ruled out.

Conclusion:

- * Normal left ventricular internal dimension with borderline normal LV systolic function.
- * Markedly dilated RA and RV.
- * Severe pulmonary hypertension.

Read by : **DR. AHMED AL BIBANI/6440**
Cardiology Specialist



Revised by : **DR. AMR TALAL BANNAN/20208**
Cardiology Consultant