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2D ECHO & DOPPLER STUDY

Patient ID: 110816
 Patient Name: Jamie Quigley
 Referring MD: Mahmoud Yassin
 Ordering MD: Rayson Yang
 Indication: Chest pain.

Date of Study: 12/14/2011
 Date of Birth: 5/7/1993 (18 Years)
 Name of Lab: Toms River
 Sonographer: PV

Tape/CD: usb
 WT/HT/BMI: 300 / 5' 7" / 46.99
 Sex: female

DIMENSIONS	In cm	NORMAL	DIMENSIONS	In cm	NORMAL
Aortic Root (ED)	3.0	2.0-3.7 cm	Left Atrium (ES)	4.0	1.9-4.0 cm
LVEF (est.)	59%	>50%	Right Atrium (ES)	3.0	
Left Ventricle	In cm		Right Ventricle		
End Diastole	5.3	3.7-5.6 cm	End Diastole	2.0	0.7-2.3 cm
End Systole	3.6	1.8-4.2 cm			
LVPW (d)	1.0	0.6-1.1 cm	IVS (d)	1.0	0.6-1.1 cm

M-MODE, 2D ECHO & DOPPLER EXAMINATION:

Aorta and Aortic valve:

The aortic root is non dilated. The aortic valve is tricuspid. Leaflet excursion is adequate. There is no aortic valve calcification. There is trace aortic valve regurgitation. There is no aortic valve stenosis. The mean gradient is 5 mmHg.

Mitral valve:

The mitral valve is well seen. Leaflet excursion is adequate. Mitral valve leaflet are not thickened. There is no mitral valve prolapse. There is trace mitral valve regurgitation. There is no mitral valve stenosis.

Tricuspid and Pulmonic valves:

The tricuspid valve is normal in structure and function. There is mild tricuspid valve regurgitation. There is no tricuspid valve stenosis. The pulmonic valve is normal in structure and function. There is trace pulmonic valve regurgitation. There is no pulmonic valve stenosis.

Left and Right Atrium:

The left atrium is normal. The right atrium is normal.

Left and Right Ventricles:

The left ventricular size is non dilated. There is no LVH.

The left ventricular function is normal. There is normal wall motion of all segments.

The right ventricular systolic pressure is estimated at 10 mmHg, therefore there is no pulmonary hypertension.

Other:

IMPRESSION:

This is a technically adequate study. The left ventricular systolic function is normal. Left ventricular ejection fraction is 59%, normal wall motion of all segments. There is mild tricuspid regurgitation.

Electronically Signed on 12/20/2011

Rayson Yang M.D.
 Shore Heart Group