



STRESS ECHOCARDIOGRAM REPORT

Patient Name: Joe Patient Date: 08/06/2015
Sonographer: Date of Birth: 08/06/1919 Age: 96
Christina Marcott, RDCS
Referring Physician: Frank Doctor Gender: Male Quality of Study: Technically Difficult

INDICATION: Chest pain, murmur

BP: 124/72 **PULSE:** 78

RESTING EKG: Sinus rhythm, RBBB, LAFB, poor R wave progression, LAE

RESTING ECHOCARDIOGRAM M-MODE MEASUREMENTS:

DIMENSIONS	cm	REFERENCE NORMALS
Left Atrium (ES)	3.5	1.9-4.0 cm
Aortic Root (ES)	3.5	2.0-3.8 cm
Septum	1.0	0.6-1.2 cm
PWT	1.0	0.6-1.1 cm
LVID (D)	4.8	3.0-5.6 cm
LVID (S)	3.5	1.8-4.0 cm
LVEF (est)	55	>55%

Left ventricular dimensions show normal chamber size. LV wall thickness is normal with normal left ventricular contractility.

Grade 1 diastolic dysfunction.

Left atrial size is normal. Interatrial septum appears normal. No flow seen across the interatrial septum.

Right atrial size is normal.

Right ventricular dimensions show normal chamber size. RV wall thickness is normal.

There is normal right ventricular contractility.

Aortic root is normal in size.

Aortic valve is sclerotic, but not stenotic. The valve is tricuspid. There is normal mobility. No vegetations are seen.

Mitral valve is normal in mobility and thickness.

There was no mitral annular calcification.

Joe Patient

Tricuspid valve is well visualized and is normal.
Pulmonic valve is well visualized and is normal.

There is no pericardial effusion.
IVC was normal with respiratory variation.

COLOR FLOW AND DOPPLER WAVEFORM ANALYSIS

Aortic systolic flow pattern was normal and there was no regurgitation noted.
Mitral diastolic flow pattern was normal and there was no regurgitation noted.
Tricuspid diastolic flow pattern was normal and there was mild regurgitation noted.
Tricuspid regurgitant velocity was 2.48 m/sec. Estimated PA pressure is 35mm Hg.

STRESS RESULTS:

Completed 5:20 minutes, stage 2 of Bruce protocol.
Maximum heart rate was 131 bpm, which is 85% age predicted max. Maximum blood pressure was 164/72. Double Product Index: 21000.
Stopped secondary to: angina.
Symptoms: angina.
Stress EKG: non diagnostic.

IMMEDIATE POST STRESS ECHO:

Remarkable for probable lateral ischemia.

IMPRESSION:

1. Technically difficult study due to poor windows.
2. Completed exercise stress echo with normal exercise tolerance for age.
3. Clinically positive for angina.
4. Electrocardiographically non diagnostic for ischemia.
5. Echocardiographically remarkable for probable lateral ischemia.
6. Grade 1 diastolic dysfunction.
7. Aortic valve is sclerotic, but not stenotic.
8. Mild TR with a PA pressure of 35 mmHg.

Louis Doctor, M.D. F.A.C.C.