

MRN: 123987
DOB: 1962-06-06 **Age:** 56
Gender: M
Race: Hispanic or Latino
Height: 67 in **Weight:** 185 lbs
BSA: 2.03 m²
BMI: 28.97

Study Time: 03:09 PM
Reading Group: sample single doc group
Referring Group: Anytown Family Practice
Sonographer: Jane Smith, RCS
Equipment: Philips ie 33

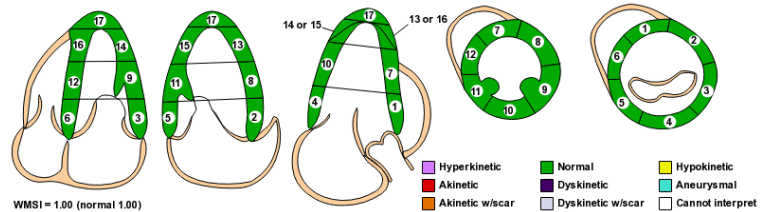
Study Quality: Excellent **Indications:** Lightheadedness/Presyncope/Syncope
Complications: COPD **Risk Factors:** Chest Pain
Diagnosis Code: (786.59) Other chest pain **Procedure Code:** 93306 Echocardiography, with spectral Doppler echocardiography, and with color flow Doppler

Left Ventricle	Normal	Left Atrium	Normal	Aorta	Normal
LVEDV	149.6 ml	LA	4.7 cm	AoD (Mm)	3.3 cm
LVESV	55.1 ml	LA / BSA	2.32 cm/m ²	Aortic Valve	
EF	63.0 %			LVOT Pk Vel	1.20 m/s
LVSV	94.5 ml	Mitral Valve		LVOT Pk Grad	5.7 mmHg
LVSV / BSA	46.65 ml/m ²	MV Pk E Vel	0.4 m/s	AV Pk Vel	1.27 m/s
IVSd	0.8 cm	MV Pk A Vel	0.5 m/s	AV Pk Grad	6.4 mmHg
LVIDd	5.5 cm	MV E/A Ratio	0.9		
LVIDd / BSA	2.71 cm/m ²	MV Decel Time	366.1 ms	Pulmonary Valve	
LVPWd	0.9 cm	Septal e'	11.26 cm/s	PV Pk Vel	1.0 m/s
LV FS (midwall)	35.0 %	Septal E/e'	3.7	PV Pk Grad	3.9 mmHg
LVIDs	3.6 cm				
LVRWT	0.32				

After informed consent, a Transthoracic Echocardiogram using 2D-M-mode and color flow Doppler was performed.

Findings:

1. Left ventricle cavity is normal in size.
- Normal global wall motion.
2. Left atrial cavity is normal in size.
3. Right atrial cavity is normal in size.
4. Right ventricle cavity is normal in size.
- Normal right ventricular function.
5. Structurally normal trileaflet aortic valve with no regurgitation noted.
6. Structurally normal mitral valve with no regurgitation noted.
7. Structurally normal tricuspid valve with no regurgitation noted.
8. Structurally normal pulmonic valve with no regurgitation noted.
9. No evidence of significant pericardial effusion.
10. The aortic root is normal.
11. Normal pulmonary artery.
12. IVC is normal with respiratory variation.



Conclusions:
 Left ventricle cavity is normal in size.
 Normal global wall motion.
 Calculated EF 63%.

Demo Doctor, MD
 Electronically Signed on Studycast
 June 04, 2019 09:53 AM EDT

