

MRN: 210434
Accession/Encounter No: 5021839H14273
DOB: 1948-02-22 **Age:** 69
Gender: M

Study Time: 09:07 AM
Reading Group: Unassigned HEARTPLACE
Referring Group: Unassigned HEARTPLACE
Sonographer: AT

Study Quality: Excellent

Indications: dyspnea

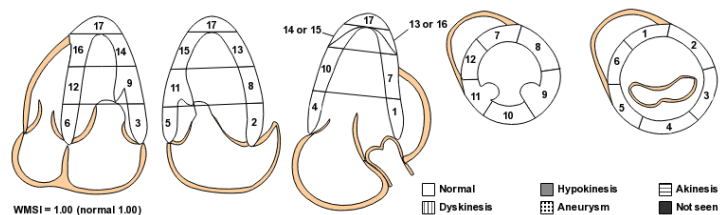
Diagnosis Code: (R06.0) Dyspnoea
 (411.81) Coronary occlusion without myocardial infarction
 (414.8) Other specified forms of chronic ischemic heart disease
 (I25.5) Ischaemic cardiomyopathy
 (R07.3) Other chest pain

Procedure Code: 93306 Echocardiography, with spectral Doppler echocardiography, and with color flow Doppler echocardiography

Left Ventricle		Normal	Right Ventricle		Normal	Aorta		Normal
LVEDV	246.0 ml		RV	3.3 cm		AoD	3.3 cm	
LVESV	179.0 ml		Left Atrium			AoD Ascending (Prox)	3.6 cm	(2.6 - 3.4)
EF	55.0 %	(52 - 72)	LA	2.8 cm	(3 - 4)	Aortic Valve		
LVSV	67.0 ml	(31 - 87)	LAs (A4C)	5.4 cm		LVOT Diam	2.5 cm	(1.8 - 2.2)
IVSd	1.0 cm	(0.6 - 1)	LAs (A2C)	5.5 cm		LVOT Pk Vel	0.81 m/s	
IVSd (Mm)	1.1 cm	(0.6 - 1)	LA Volume	48.0 ml	(18 - 58)	LVOT Pk Grad	3.0 mmHg	
LVIDd	6.9 cm	(4.2 - 5.84)	LA Area ES (A4C)	19.9 cm ²		LVOT VTI	17.2 cm	(18 - 22)
LVPWd	1.0 cm	(0.6 - 1)	LA Area ES (A2C)	16.6 cm ²		AV Pk Vel	1.22 m/s	
LVPWd (Mm)	0.1 cm	(0.6 - 1)	Mitral Valve			AV Pk Grad	6.0 mmHg	(<10)
LV Mass	156.0 g	(88 - 224)	MV Pk E Vel	0.6 m/s	(0.7 - 1.2)	AV VTI	25.0 cm	(18 - 22)
LV FS (midwall)	15.0 %	(14 - 22)	MV Pk A Vel	0.8 m/s	(0.4 - 0.7)	AVA (Vmax)	3.24 cm ²	(3 - 4)
LVIDs	6.0 cm	(2.5 - 3.98)	MV E/A Ratio	0.7	(0.6 - 1.32)	AVA (VTI)	3.38 cm ²	
LVIDs (Mm)	5.7 cm	(2.5 - 3.98)	MV Decel Time	211.0 ms	(142 - 258)	Pulmonary Valve		
LVIDd (Mm)	7.1 cm	(4.2 - 5.84)	Septal e'	6.08 cm/s	(6.2 - 14.6)	PV Pk Vel	1.0 m/s	
LVRWT	0.29		Septal E/e'	9.1	(<8)	PV Pk Grad	2.0 mmHg	
			Tricuspid Valve			PV Accel Time	155.0 ms	(>130)
			TR Pk Vel	1.2 m/s		Pulmonic Artery		
			TR Pk Grad	24.0 mmHg		LA / Ao	1.3	

Findings:

- Left ventricle cavity is normal in size. Normal global wall motion. Visual EF is 50-55%.
- Left atrial cavity is mildly dilated.
- Right atrial cavity is normal in size.
- Right ventricle cavity is normal in size. Normal right ventricular function.
- Trileaflet aortic valve with no regurgitation noted. Mild calcification of the aortic valve annulus. Severe aortic valve leaflet thickening. Moderate aortic valve stenosis.
- Structurally normal mitral valve with no regurgitation noted.
- Structurally normal tricuspid valve.
- Structurally normal pulmonic valve with no regurgitation noted.
- No evidence of significant pericardial effusion.
- The aortic root is normal.
- Normal pulmonary artery.
- IVC is normal with respiratory variation.


Conclusion:

 Left ventricle cavity is normal in size.
 Normal global wall motion.
 Calculated EF 55%.

Demo Doctor

 Electronically Signed on CoreWeb
 June 15, 2018 08:58 AM EDT

