

Accession/Encounter No: 458234
DOB: 1949-12-15 **Age:** 69
Gender: F
HR: 62
Rhythm: Normal sinus rhythm
Height: 65 in **Weight:** 150 lbs
BP: 128/68 mmHg **BSA:** 1.79 m²
BMI: 24.96

Study Time: 03:19 PM
Reading Group: Reset Reading
Referring Group: Anytown Family Practice
Sonographer: Jason Stoddard
Location: 3rd West
Unit: 5E

Study Quality: Excellent

Diagnosis Code: (I01.1) Acute rheumatic endocarditis

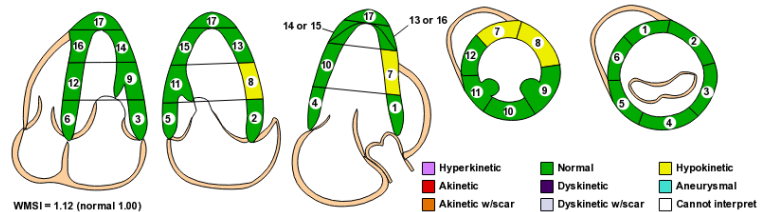
Indications: Routine use of TEE when a diagnostic TTE is reasonably anticipated to resolve all diagnostic and management concerns

Procedure Code: 93312 Transesophageal echocardiogram

Left Ventricle	Normal	Left Atrium	Normal	Aorta	Normal
LVEDV	82.4 ml	LA (Mm)	3.9 cm (2.7 - 3.8)	AoD (Mm)	3.0 cm
LVESV	36.4 ml	LA	3.9 cm (2.7 - 3.8)	Aortic Valve	
EF	56.0 % (54 - 74)	LA / BSA	2.18 cm/m ² (1.5 - 2.3)	LVOT Diam	2.0 cm (1.8 - 2.2)
LVSV	46.0 ml (31 - 87)	Mitral Valve		LVOT Pk Vel	1.02 m/s
LVSV / BSA	25.69 ml/m ² (18 - 46)	MV Pk E Vel	0.8 m/s (0.7 - 1.2)	LVOT Pk Grad	4.2 mmHg
IVSd	1.2 cm (0.6 - 0.9)	MV Pk A Vel	0.7 m/s (0.4 - 0.7)	Pulmonary Valve	
LVIDd	8.5 cm (3.78 - 5.22)	MV E/A Ratio	1.2 (0.6 - 1.32)	PV Pk Vel	0.8 m/s
LVIDd / BSA	4.75 cm/m ² (2.4 - 3.2)	MV Decel Time	152.6 ms (142 - 258)	PV Pk Grad	2.5 mmHg
LVPWd	1.0 cm (0.6 - 0.9)	Septal e'	5.42 cm/s (6.2 - 14.6)		
LV FS (midwall)	29.0 % (15 - 23)	Septal E/e'	15.5 (<8)		
LVIDs	3.1 cm (2.16 - 3.48)				
LVRWT	0.24				

Findings:

- Left ventricle cavity is severely dilated.
Left ventricle regional wall motion findings: Mid anteroseptal and Mid anterior hypokinetic.
- Left atrial cavity is mildly dilated.
- Right atrial cavity is normal in size.
- Right ventricle cavity is normal in size.
Normal right ventricular function.
- Left Atrial Appendage is normal.
No lobes seen.
- Normal interatrial septum.
- Structurally normal trileaflet aortic valve with no regurgitation noted.
- Structurally normal mitral valve with no regurgitation noted.
- Structurally normal tricuspid valve with no regurgitation noted.
- Structurally normal pulmonic valve with no regurgitation noted.
- No evidence of significant pericardial effusion.
- The aortic root is normal.
- IVC is normal with respiratory variation.



Conclusions:

Left ventricle cavity is severely dilated.
 Left ventricle regional wall motion findings: Mid anteroseptal and Mid anterior hypokinetic.
 Calculated EF 56%.
 Left atrial cavity is mildly dilated.

CSI Admin Staff
 Electronically Signed on Studycast
 April 23, 2019 08:28 AM EDT