

DOB: 2013-12-18 **Age:** 6 **Study Time:** 11:14 AM
Species: Canine **Gender:** MN **Reading Group:** Cardiology Associates
Breed: Beagle mix **Weight:** 48 lbs **Referring Group:** Anytown Family Practice
Height: 20 in
BSA: 0.67 m²
BMI: 84.37

Study Quality: Good

Indications: Oncology - Doxorubicin Therapy

Medications: None

Left Atrium		LVIDd (Mm)	3.30 cm	Lateral E/e'	7.10
LA D (SAX)	2.20 cm	LVPWd (Mm)	0.85 cm	Septal e'	6.47 cm/s
LA / AO SoV	1.29	LVPWd / LVIDd (Mm)	0.26	Septal a'	9.55 cm/s
Left Ventricle		LVEDDN (Mm)	1.33	Septal e'/a'	0.70
IVSd (SAX)	1.00 cm	LVEDV (Teich Mm)	45.30 ml	Lateral e'	11.30 cm/s
LVIDd (SAX)	3.10 cm	IVSs (Mm)	1.26 cm	Lateral a'	9.45 cm/s
LVPWd (SAX)	1.01 cm	LVIDs (Mm)	1.90 cm	Lateral e'/a'	1.20
LVPWd / LVIDd (SAX)	0.33	LVPWs (Mm)	1.55 cm	Aortic Valve	
LVEDDN (SAX)	1.25	LVEDSN (Mm)	0.72	LVOT Vel	1.54 m/s
IVSs (SAX)	1.15 cm	LVESV (Teich Mm)	10.70 ml	Aorta	
LVIDs (SAX)	2.20 cm	LVFS (Mm)	44.00 %	Ao SOV	1.70 cm
LVPWs (SAX)	1.26 cm	LVFS (SAX)	27.00 %	LA / AO SoV (SAX)	1.29
LVESDN	0.83	EF Teich (Mm)	76.00 %	Right Ventricle	
LV Area Endo D (A4C)	16.80 cm ²	EF SP (A4C)	64.00 %	RV D (Mm)	0.70 cm
LV Length D (A4C)	5.60 cm	SV Index (Mm)	-51.86 ml/m ²	TAPSE (Mm)	13.30 mm
LV Area Endo S (A4C)	9.10 cm ²	SV Index (A4C)	-38.37 ml/m ²	Pulmonary Valve	
LV Length S (A4C)	4.40 cm	Mitral Valve		RVOT Vel	0.70 m/s
LVEDV (Simp A4C)	40.00 ml	MV EPSS (Mm)	0.10 cm	PV Vel	0.70 m/s
LV EDVI (A4C)	59.95 ml/m ²	MV Pk E Vel	0.80 m/s	Pulmonic Artery	
LVESV (Simp A4C)	14.40 ml	MV Pk A Vel	0.43 m/s	PA Trunk D	1.70 cm
LV ESVI (A4C)	21.58 ml/m ²	MV E/A Ratio	1.90		
IVSd (Mm)	0.75 cm	Septal E/e'	12.30		

Findings:

- 1 Left atrium is normal in size and shape.
- 2 Left ventricle cavity is normal in size and shape. Normal left ventricular systolic function.
- 3 Structurally normal mitral valve with no clinically significant regurgitation noted.
- 4 Structurally normal aortic valve with no clinically significant regurgitation noted.
- 5 The aorta is normal in size.
- 6 Right atrial cavity is normal in size.
- 7 Right ventricle cavity is normal in size and shape. Normal right ventricular systolic function.
- 8 Structurally normal tricuspid valve with no clinically significant regurgitation noted.
- 9 Structurally normal pulmonic valve with no clinically significant insufficiency noted.
- 10 Normal pulmonary artery structure.
- 11 Caudal vena cava is normal in size.
- 12 No evidence of significant pericardial effusion.

Conclusions:

Left ventricle cavity is normal in size and shape. Normal left ventricular systolic function.

CSI Admin Staff

 Electronically Signed on Studycast
 December 09, 2020 11:35 AM EST

Admin CSI
Recommendations:

Compared to previous echocardiogram, there are no abnormalities noted. No change in overall chamber size and function. Recommend continued monitoring for doxorubicin related cardiotoxicity. Normal sinus rhythm noted on accompanying ECG.