

**PATIENT**

Jett Steinfott

**PRESENTING CLINICAL SIGNS**

History: Presented for limping on right leg. Radiographs showed a VHS of 11.6 and esophageal distension. ProBNP is within normal range.

**SPECIES**

Canine

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. Normal mitral valve leaflets with no prolapse into the left atrial lumen. Trivial mitral regurgitation with a normal left atrial dimension. Normal LV diameter with adequate myocardial function. The tricuspid valve appears normal with no tricuspid regurgitation. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic and aortic valves are normal in morphology and mobility. Normal pulmonic and aortic outflow velocities with laminar flow. No obvious aortic or pulmonic insufficiency. No pericardial or pleural effusion noted. No obvious cardiac masses.

**BREED**

Labrador Retriever

**SEX**

Male Neutered

**CARDIAC CHART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
	<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100
<b>PATIENT</b>	NA	NA	1.3	1.3	33	60	0.67
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg: 2D and m-mode short axis (cm)	LVIDs Avg: 2D and m-mode short axis (cm)
	<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW
<b>PATIENT</b>	90	1.7	1.3	45.4	3.1	4.5	3.0
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
<b>BODY WEIGHT DEPENDENT PARAMETERS</b>				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
<i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i>				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overtly normal cardiac dimensions and function, with no obvious dysfunction or dilation of the left heart. Trivial MR may reflect early valve disease and follow up is recommended should a murmur be ausculted in the future. No other significant valvular leaks are visualized, and no evidence of pulmonary hypertension.

These findings would suggest mild cardiomegaly on films is a normal variant. These films should be used as a baseline for further comparison.

**INVOICE**

29851

**DATE**

3/27/23

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Kim Liedberg

**HOSPITAL NAME**

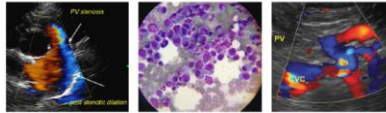
SVS Imaging WI

**REFERRING VET**

Dr. Baum

**IMAGING PERFORMED BY**

svsmobileimaging.com 309-737-3070



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**PATIENT**

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Monitor for development of a heart murmur, cough, labored breathing, exercise intolerance or collapse episodes.

**SPECIES**

Canine

A recheck echocardiogram is recommended should a significant murmur develop or signs of cardiac compromise be noted in the future.

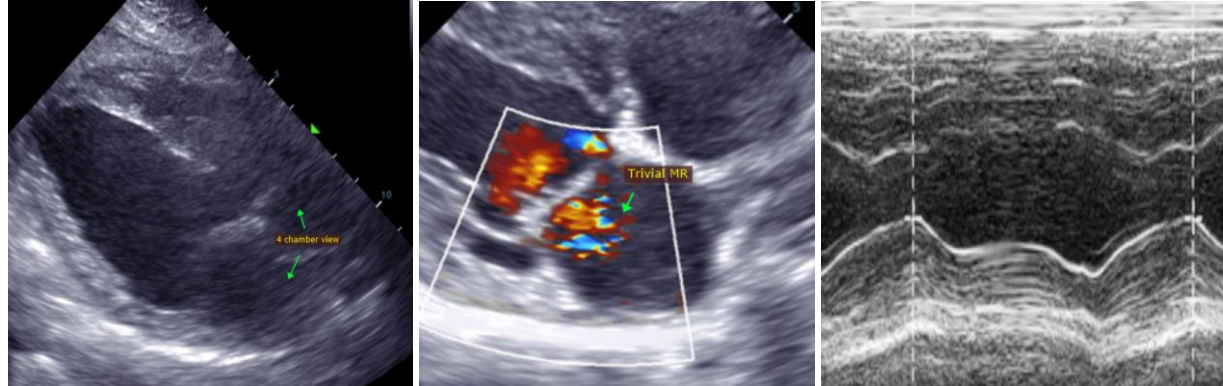
**BREED**

Labrador Retriever

**IMAGES**

**SEX**

Male Neutered



**AGE**

4 years

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**WEIGHT**

100lbs

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**INTERPRETED BY**

Maggie Machen Lamy, DVM, DACVIM (Cardiology)

**Maggie Machen Lamy, DVM**  
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