

**PATIENT**

Sasha Drollas

**SPECIES**

Canine

**BREED**

Yorkie

**SEX**

Spayed Female

**AGE**

10 Years 5 Months

**WEIGHT**

6.2 lbs

**INTERPRETED BY**

Sara Brethel DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Kathleen Byrnes

**HOSPITAL NAME**

Animal Hospital of  
Lake Brandt

**REFERRING VET**

Dr. Smith

**INVOICE**

15803

**DATE**

05/05/26

**PRESENTING CLINICAL SIGNS**

P presented for echo due to coughing after any exercise, no murmur Rad report: Consider/exclude dynamic tracheal collapse, mild cardiomegaly BP Systolic 143, 150, 155, 158, 161, 183, 220

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	1.28	1.15	51.87	--	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	NM	1.03	0.98	2.8	--	1.6	0.77

**Cardiac Presentation**

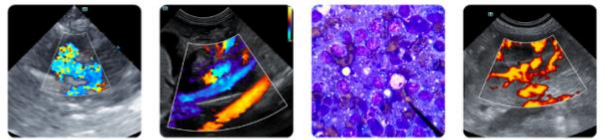
The mitral valve leaflets are normal and there is no mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular systolic and diastolic function is within normal limits. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on today's evaluation. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- Structurally normal heart.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The heart is structurally normal. There is no cardiac cause identified on the images provided for the patient's coughing nor is there evidence of cardiomegaly. The reported blood pressures are also averaging within normal limits. However, there is significant variation and recommend continued monitoring. A recheck echo is not needed unless the patient develops a heart murmur, arrhythmia or an elevated pro BNP.



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

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.

Sara Brethel DVM, DACVIM (Cardiology)

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