

**PATIENT**

Darcy Moore

**SPECIES**

Canine

**BREED**

Terrier Mix

**SEX**

Spayed Female

**AGE**

4 Years

**WEIGHT**

26.35 pounds

**INTERPRETED BY**

Sara Brethel DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Sara Hansen

**HOSPITAL NAME**

Countryside Animal  
Clinic

**REFERRING VET**

Dr. Heider

**INVOICE**

13709

**DATE**

02/11/26

**PRESENTING CLINICAL SIGNS**

Clinical Exam Findings: History of pulmonic stenosis

Is there a Heart Murmur? If so, please grade: 3/6

Current Medications: Prednisone 5m- 1 tablet SID, Methocarbamol 500mg 1/4 BID

**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	4.89	--	1.35	1.51	29.18	--	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	0.9	5.89	11.97	2.24	2.57	1.82

**Cardiac Presentation**

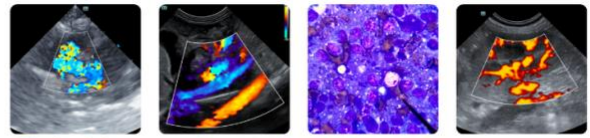
The mitral valve leaflets appear normal, however there is trivial mitral regurgitation. There is no prolapse of mitral valve leaflets. The left atrial size is normal. There is evidence of left ventricular underloading and systolic function is preserved in the face of mitral regurgitation. There is moderate right atrial enlargement without tricuspid regurgitation. No prolapse of tricuspid valve leaflets. The right ventricle has evidence of concentric hypertrophy. The aortic valve is tri-leaflet with normal corresponding outflow velocities and no evidence of insufficiency. The pulmonic valve is dysplastic with evidence of severe pulmonic stenosis. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses. Right atrial diameter measured 2.88.

**ULTRASONOGRAPHIC FINDINGS**

- Severe pulmonic stenosis.
- Mitral regurgitation.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The patient has severe pulmonic stenosis previously classified as moderate. The previous report recommended Atenolol therapy. It is not mentioned that the patient is currently receiving this, so if



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the patient is not on Atenolol, I recommend restarting it at a dose of 1.0 mg/kg twice a day with gradual up titration (for example, a quarter mg/kg by mouth once a day for four days, 0.25 mg/kg by mouth twice a day for four days, and increasing to 0.50 mg/kg twice a day for another four day increments, etc. and increasing until the total dose is 1.0 mg/kg twice a day long term).

**SPECIES**

Canine

Given the severity of the pulmonic stenosis, the patient is a candidate for a balloon valvuloplasty, and gold standard therapy would include referral for this procedure and evaluation by a cardiologist. If not having the patient on Atenolol, a recheck echo would be recommended two to three months after starting Atenolol to monitor the pulmonic outflow velocities.

**BREED**

Terrier Mix

The significance of the mitral regurgitation is unknown. It was present in the previous examination and may represent mild dysplastic changes to the mitral valve as well. The left-sided dimensions are not enlarged. If not moving forward with Atenolol and not moving forward with surgery, a recheck echo is recommended in another year for continued monitoring.

**SEX**

Spayed Female

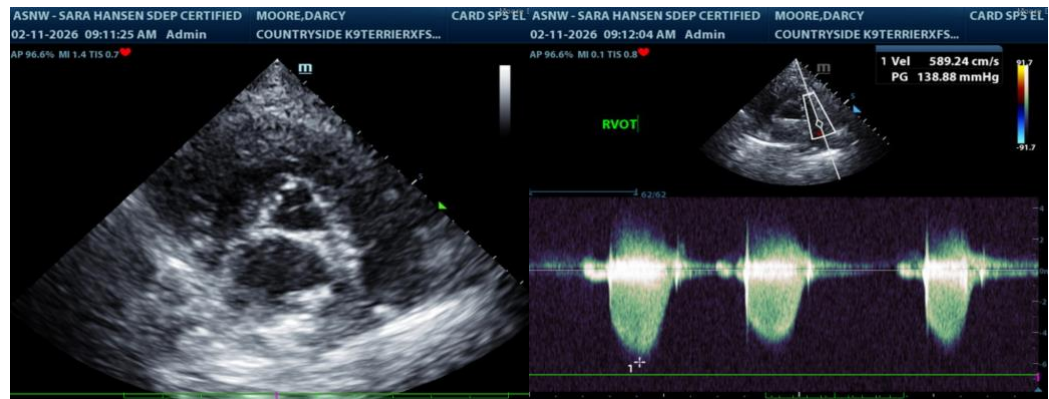
**AGE**

4 Years

With pulmonic stenosis being in the severe category, unfortunately, patients can pass away suddenly and right-sided congestive heart failure can occur.

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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.

**IMAGING PERFORMED BY**

Sara Hansen

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.

**HOSPITAL NAME**

Countryside Animal  
Clinic

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