

PATIENT

Luna Sturzinger

SPECIES

Canine

BREED

Scottish Fold

SEX

Intact Female

AGE

4 Months

WEIGHT

5.3 pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Creekside Veterinary
 Clinic

REFERRING VET

Dr. Angstrom

INVOICE

15157

DATE

04/16/26

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: 2/23/26- Grade 1-2/6 systolic murmur. 3/20/26- Gr. 2/6 continuous murmur noted on heart auscultation, w/ susp. for a congenital cardiac defect likely patent ductus arteriosus (PDA). 4/10/26 - Grade 2/6 continuous murmur. Possible congenital heart defect likely patent ductus arteriosus (PDA). For ECHO Only: Blood Pressure: O declined blood pressure. HR/RR/BP: Will obtain tomorrow. Is there a Heart Murmur? If so, please grade. 2/6

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	--	--	NM	--	39.84	--	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	1.07	--	2.4	1.42	1.28	0.77

All other measurements were either unable to be obtained or difficult to assess due to the angle.

Cardiac Presentation

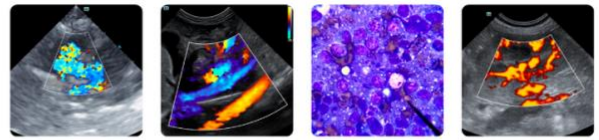
The left ventricle appears to be normal in thickness with normal function. Systolic function appears to be preserved. It is difficult to assess the right side of the heart, however, it appears to be within normal limits. The left atrial size on the images provided appears normal. Aortic outflow velocities appear normal. There is scant pericardial effusion present.

ULTRASONOGRAPHIC FINDINGS

- Scant pericardial effusion.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Due to the patient's conformation of full echocardiographic evaluation is difficult. A source of the murmur is not necessarily identified based upon the images provided. Given the patient's history and chest malformation, I would recommend referral to a veterinary cardiologist for further investigation and evaluation and potential management. A more thorough evaluation is needed to further investigate this patient's condition. The significance of the scant pericardial effusion is unknown at this time.



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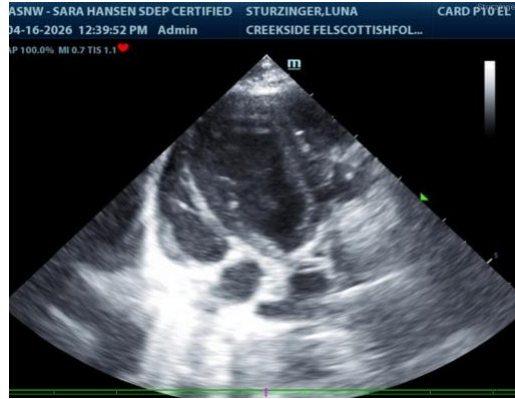
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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