

PATIENT

Jeddie Swisher

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

12 Years

WEIGHT

9.6 Pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Countryside AC

REFERRING VET

Dr. Cox

INVOICE

35669

DATE

2/2/26

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings: Increased respiratory effort, possibly decreased appetite, dehydrated, nasal congestion
- ABNORMAL Labwork Values: Will send labs from EVH
- HR/RR/BP: HR: 174, RR: 30 with some effort
- Is there a Heart Murmur? If so, please grade: None
- Current Medications: Buprenex 0.3mg/ml 0.25ml BID; Clavacillin 62.5mg 1 tab BID; Maropitant 24mg 1/2 tab SID

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	4.36	NM	0.51	1.14	0.52	43.85	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.08	1.13	1.29		0.9	1.17	NM

Adapted from June Boon, Veterinary Echocardiography, 1998
Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705

LVIDs: 0.64

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy, however, left ventricular wall measurements are in a gray zone. 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 the images provided. The right ventricle appears normal in structure and function subjectively. 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



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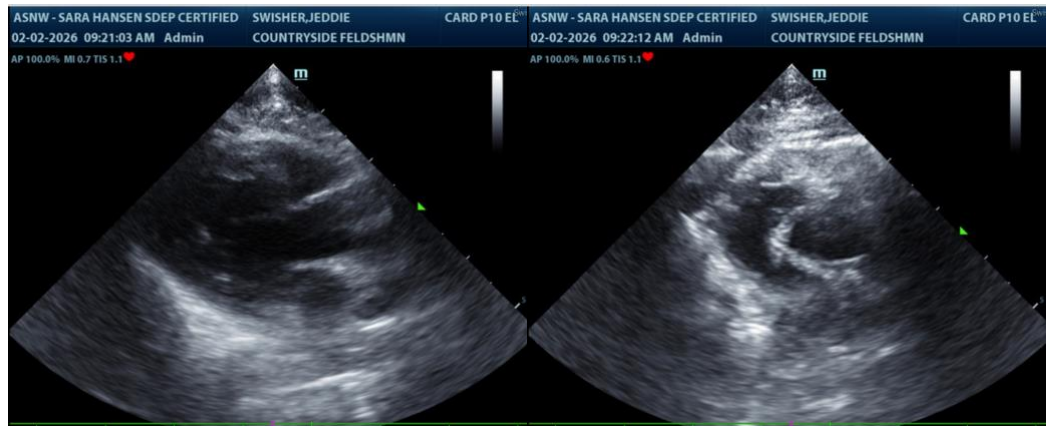
appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Left ventricular wall measurements in a gray zone (between 5.0 mm- 6.0 mm)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of the patient's respiratory status is not cardiac in nature. There is no history of a murmur. The left ventricular wall may measure within normal limits; however, they are >5.0 mm, which technically places the patient in a gray zone and increases the potential for developing heart disease in the future. There is no need for cardiac therapies at this time. A recheck echo is recommended in 10-12 months. Recommend ensuring the patient is euthyroid and normotensive.



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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