



PATIENT

Ajani Akers

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

12 years

WEIGHT

13 lbs

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Edgewood AC

REFERRING VET

Dr. Leduc

INVOICE

69614

DATE

12/12/25

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: dental disease nuclear sclerosis heart murmur fleas ABNORMAL Labwork Values abnormal pro BNP otherwise normal labs (controlled hyperthyroid) For ECHO Only: Blood Pressure Avg 172 HR/RR/BP: 240/20/173 Is there a Heart Murmur? If so, please grade. III/VI Current Medications methimazole Radiographic Findings no rads

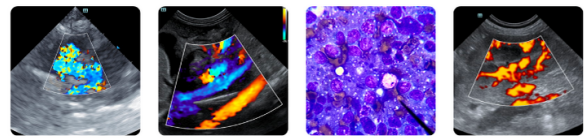
ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. There are no distinct left atrial thrombi/clots or spontaneous echo contrast appreciated. The left ventricle is normal in dimension as well as wall thickness, and no evidence of restriction. Left ventricular systolic function is normal, with adequate contractility. The right atrium and ventricle are subjectively normal in dimension and systolic function. The anterior and posterior mitral and tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation. There is no evidence of systolic anterior mitral valve motion documented. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural valvular integrity. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and appropriate diameter and distensibility. There is no evidence of pulmonary hypertension documented. There is no visible pericardial, pleural, or free peritoneal fluid noted.

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LWVd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	5.91 kg	NM	0.57	1.13	0.56	65	NM
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	1.31	1.02	1.61		0.9	1.3	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							

ULTRASONOGRAPHIC FINDINGS

These findings identify borderline/equivocal left ventricular wall thickening in the absence of an outflow tract obstruction or significant hemodynamic effects. For the time being, this will be considered an essentially normal echocardiogram, however early hypertrophic cardiomyopathy cannot be excluded. Any murmur auscultated will be considered functional in origin.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to corticosteroids or fluid therapy as indicated for further treatment. A recheck echocardiogram is recommended in another 6-12 months.

Anesthesia considerations:

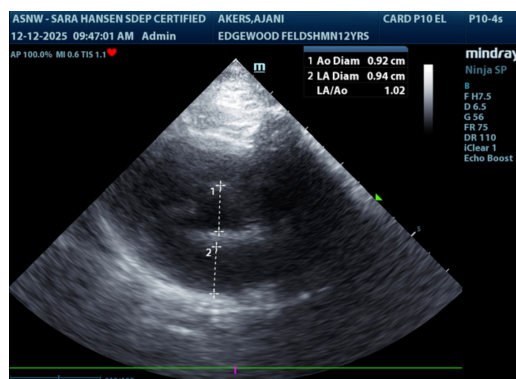
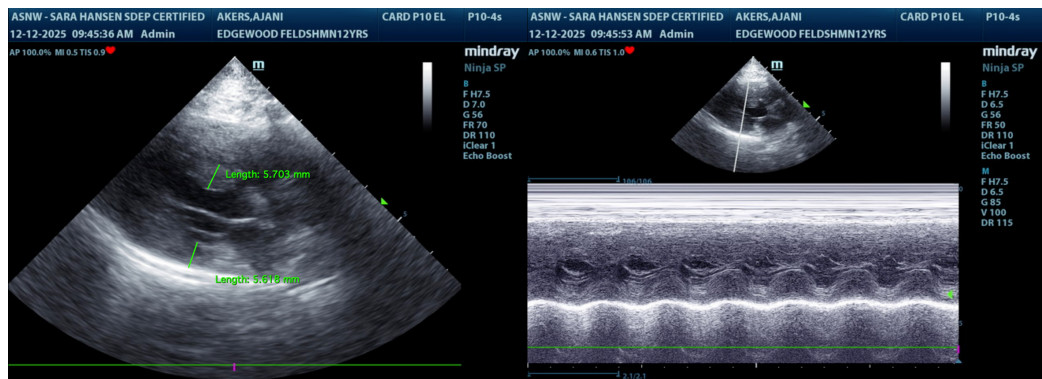
No special cardiac considerations are necessary

Diet:

No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

Activity:

No special considerations are necessary.



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 it can be of any further assistance please contact me.

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

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