



PATIENT PRESENTING CLINICAL SIGNS

Kovu Miller History of Heart murmur, Previous Echos in 2021 and 2022, HCM suspected, started on Clopidogrel 18.75mg SID.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Feline

BREED

Sphynx

SEX

Neutered Male

AGE

5 Years

WEIGHT

7 Pounds

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		160	0.6	1.2	0.6	48	--
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.23	1.38	1.4	1.64	0.7	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

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

E-Wave = 0.8, EPSS = 0.1

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size and structure with no evidence of “smoke” or thrombi. The cranial and caudal **mitral valve** leaflets appeared mildly thickened with some insufficiency noted on Doppler. The **left ventricle** presented sectorial hypertrophy and echogenic remodeling. Contractility and internal diameters were normal. The **left ventricular outflow** tract demonstrated turbulent laminar flow. Subjective assessment of the **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** valvular assessment demonstrated linear morphology. The **right ventricle** was of normal size with normal chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter. No visible **pericardial** or free pleura fluid was noted. No echographically detectable evidence of infiltrative disease was visible. The **mediastinum** was free of masses in the visible window.

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Parker Vet Hospital

REFERRING VET

Dr. Katelyn Miller

INVOICE

44484

DATE

8/4/23

ULTRASONOGRAPHIC FINDINGS

- Stable left ventricular hypertrophy and myocardial remodeling, HCM phenotype, compensated

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No adjustment of the current protocol indicated. Recheck echo in 6-12 months.



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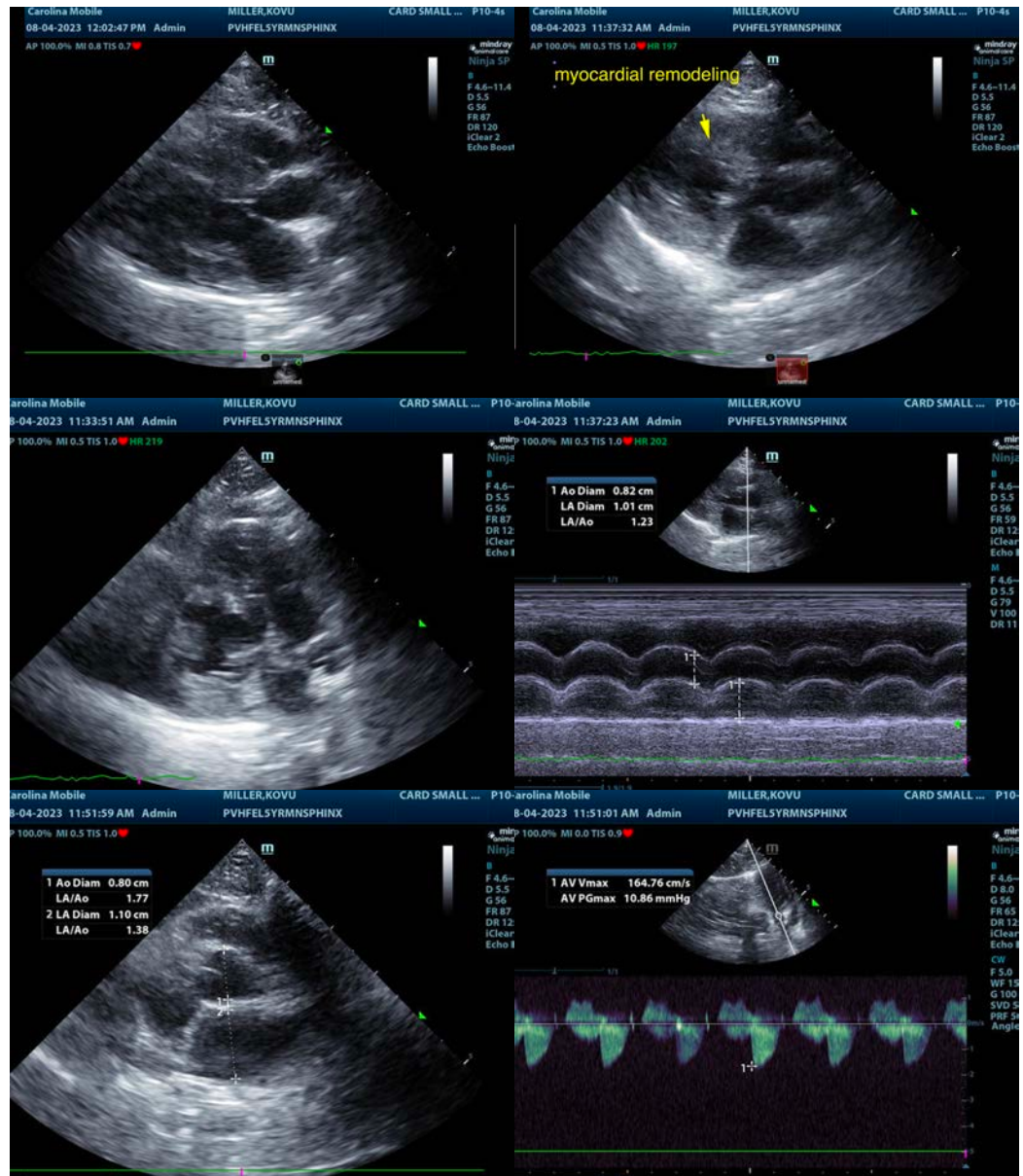
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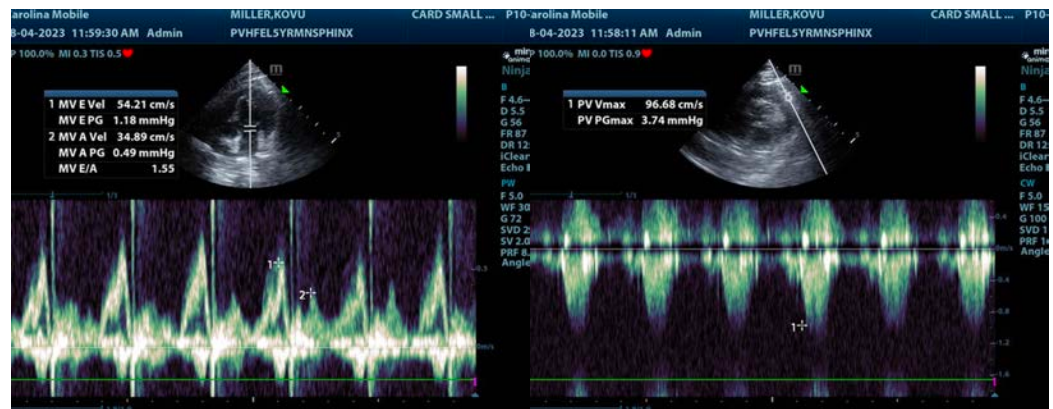
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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