



**PATIENT**

Gouda Savattieri

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Spayed female

**AGE**

7 years

**WEIGHT**

8.4 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

Foxfield VS

**PRESENTING CLINICAL SIGNS**

History: Heart murmur 3/6  
Abnormal PE/Chem/CBC/UA Results: N/A

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

**Left atrial** size was borderline enlarged. **Mitral** insufficiency was noted at 6.0 m/sec. Systolic anterior motion was noted by the anterior mitral valve leaflet. The **left ventricle** presented mild hypertrophy and minor remodeling. **Myocardial** remodeling was noted. **Contractility** was adequate. Turbulence of the **left ventricular outflow** tract was present. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. Minor **tricuspid** insufficiency was noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

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		NM	0.76	1.2	0.81	50	85
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	1.5	1.48	1.74		1.5		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							

**REFERRING VET**

Dr. Rodriguez

**ULTRASONOGRAPHIC FINDINGS**

Hypertrophic cardiomyopathy phenotype with dynamic obstruction.

**INVOICE**

43452

**DATE**

3/22/23

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend Atenolol therapy at 6.25 mg b.i.d. A recheck echocardiogram is recommended in 3 months or earlier if clinical signs initiate. Target respiratory rate should be less than 25.



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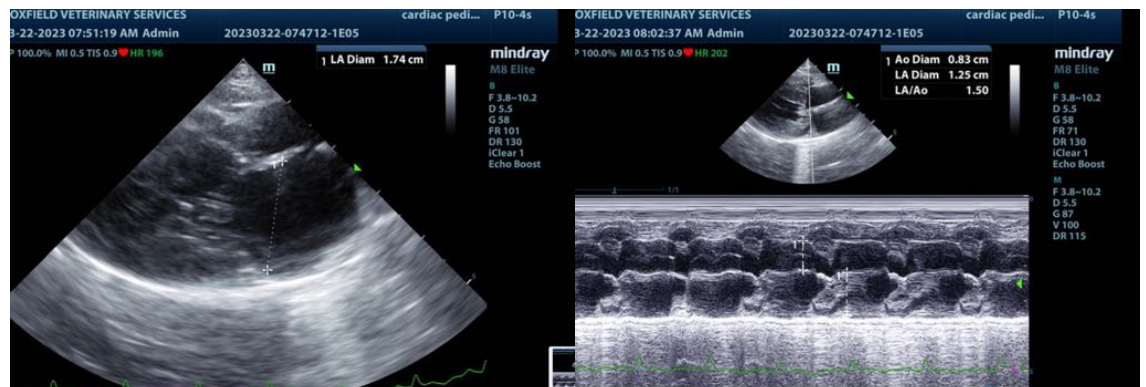
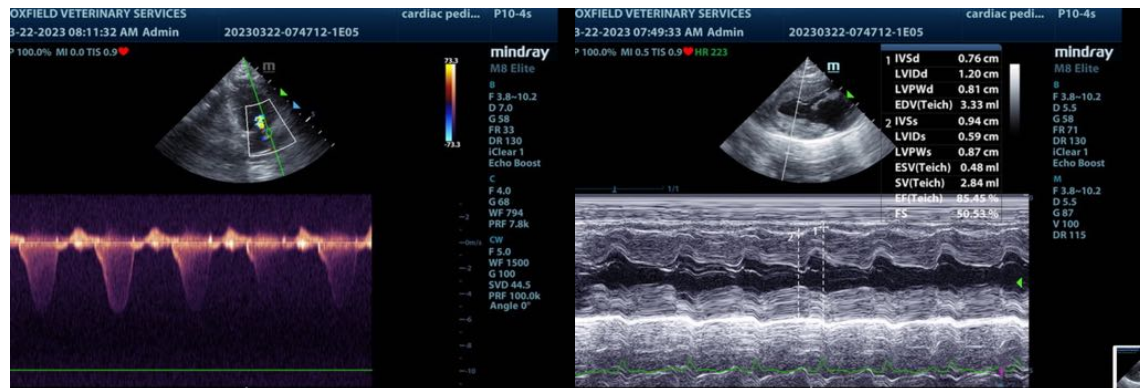
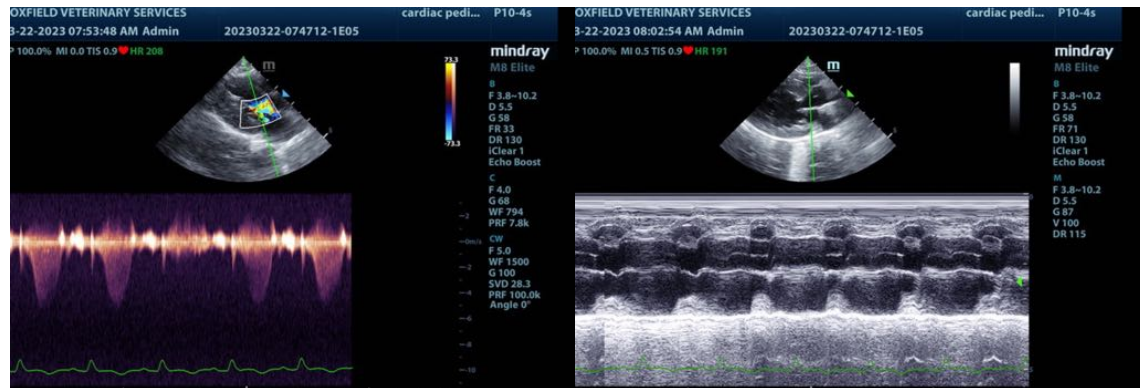
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
info@SonoPath.com