



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Blossom Doyle **History:** Presented for wellness exam and a 3/6 murmur was noted

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

**Feline** 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. **Left ventricular** myocardial remodeling was noted in this patient with variable excessive thickness. This is consistent with hypertrophic cardiomyopathy phenotype. **BREED** Ragdoll **Turbulence** was noted at the **left ventricular outflow** tract with excessive velocities. Subjective assessment of the **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** insufficiency was noted. 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.

**AGE**

8 years

**WEIGHT**

16 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Rodriguez

**HOSPITAL NAME**

Foxfield VS

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	16 lbs	NM	0.98	1.07	0.76	78	98
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	1.3	1.4	1.5	4.0		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 ULTRASONOGRAPHIC FINDINGS**

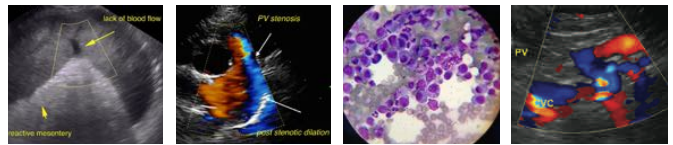
**Dr. Rodriguez** Hypertrophic cardiomyopathy with excessive LVOT velocity.  
No significant volume overload.

**INVOICE**

31154

**DATE**

6/21/22



**PATIENT**

Blossom Doyle

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

If baseline heart rate is greater than 200 bpm then Atenolol therapy can be considered at 6.25 mg b.i.d. to reach a target heart rate less than 180 bpm. Recheck echocardiogram in 6 months.

**SPECIES**

Feline

**BREED**

Ragdoll

**SEX**

Spayed Female

**AGE**

8 years

**WEIGHT**

16 lbs

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Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

Foxfield VS

**REFERRING VET**

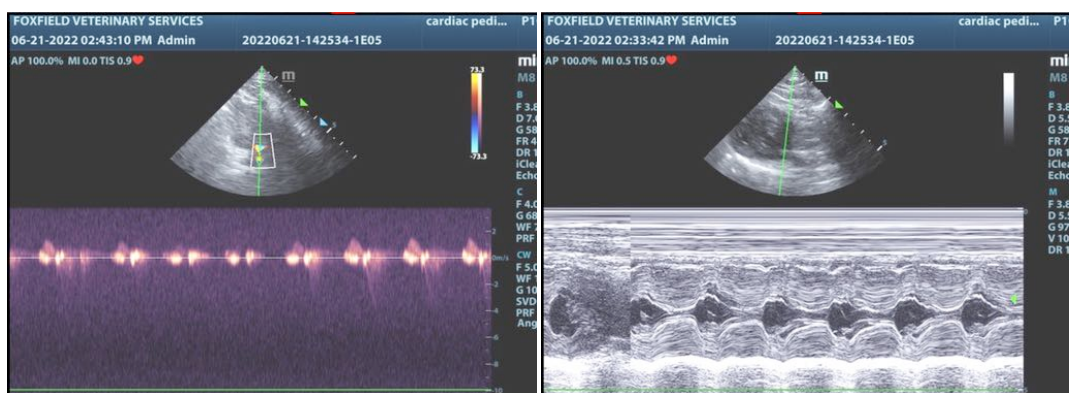
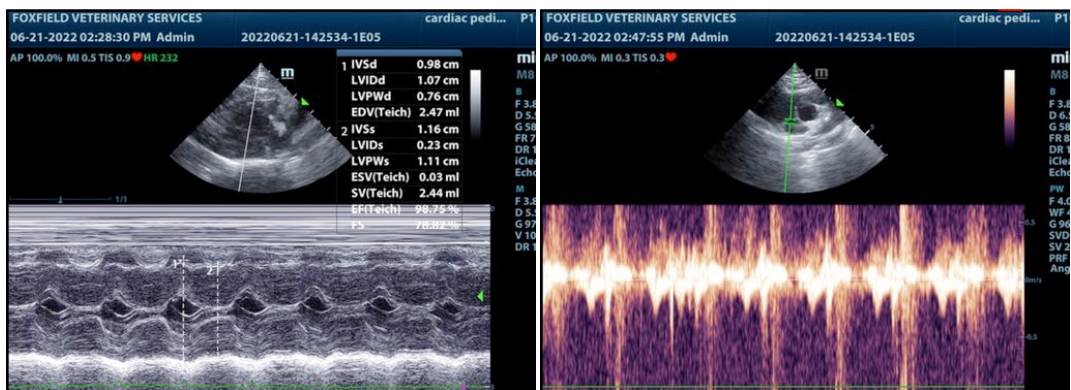
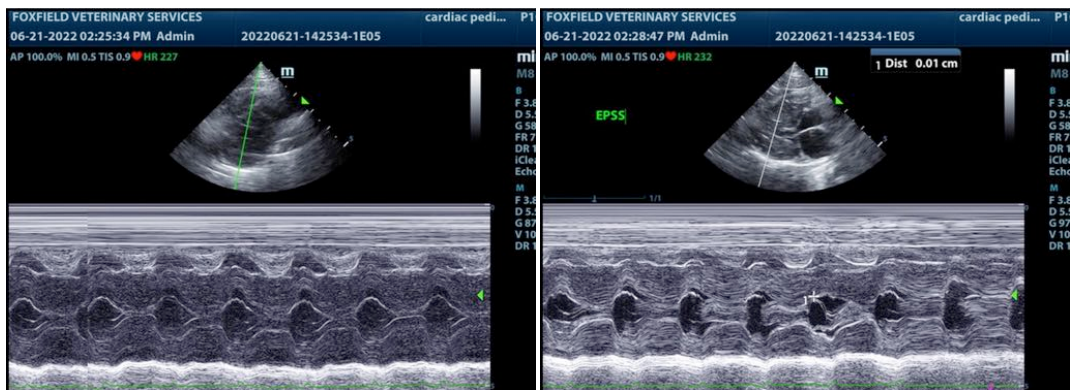
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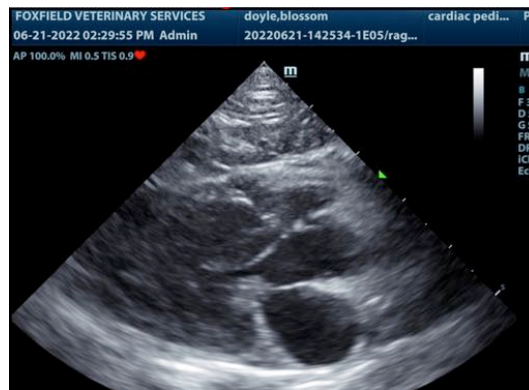
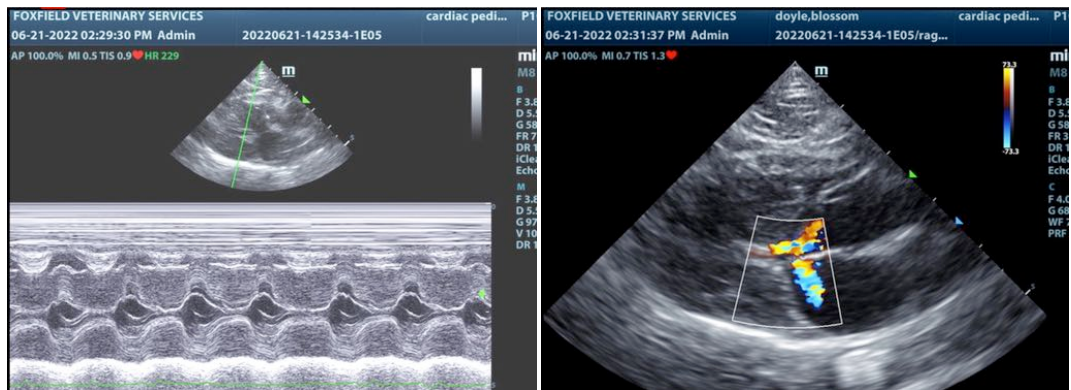
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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