



PATIENT

Seamus Edmand

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

5 Years 4 Months

WEIGHT

5.9 kg

INTERPRETED BY

Laurent Locquet, DVM,
MRCVS, GPCert, (VC)
Diplomate, ECVIM-CA

IMAGING PERFORMED BY

Dr. Sammi Fuller

HOSPITAL NAME

Hart Family VC

REFERRING VET

Dr. Sammi Fuller

INVOICE

35675

DATE

11/26/25

PRESENTING CLINICAL SIGNS

History: Grade 4/6 murmur also recently diagnosed with asthma and on fluticasone puffer 125 mcg BID.

Abnormal PE/Chem/CBC/UA Results: Grade 4/6 murmur rule in/out HCM as cause of murmur or another cause referred only for echo also not sure what cat's symptoms were prior to dx of asthma- just says had "asthma attack" although o is a veterinarian.

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	5.9	NM	0.58	1.31	0.68	47	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	--	1.29	--		0.87	0.56	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: 0.69

Cardiac Presentation

The left atrium is within normal limits. The mitral valve leaflets are normal and there is no mitral regurgitation. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. There is concentric hypertrophy of the left ventricular free wall, and the interventricular septum is equivocally thickened. The right atrium is normal. The tricuspid valve is normal without evidence of tricuspid regurgitation. The right ventricle appears to have preserved systolic function subjectively. The aortic and pulmonic valves are normal without evidence of insufficiency. Aortic and pulmonic outflow velocities are within normal limits. The aorta and PA are normal along with the associated PA branches. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Equivocal hypertrophic cardiomyopathy phenotype at the level of the interventricular septum and hypertrophic cardiomyopathy at the level of the left ventricular wall. Overall conclusion - HCM phenotype, ACVIM stage B-1.



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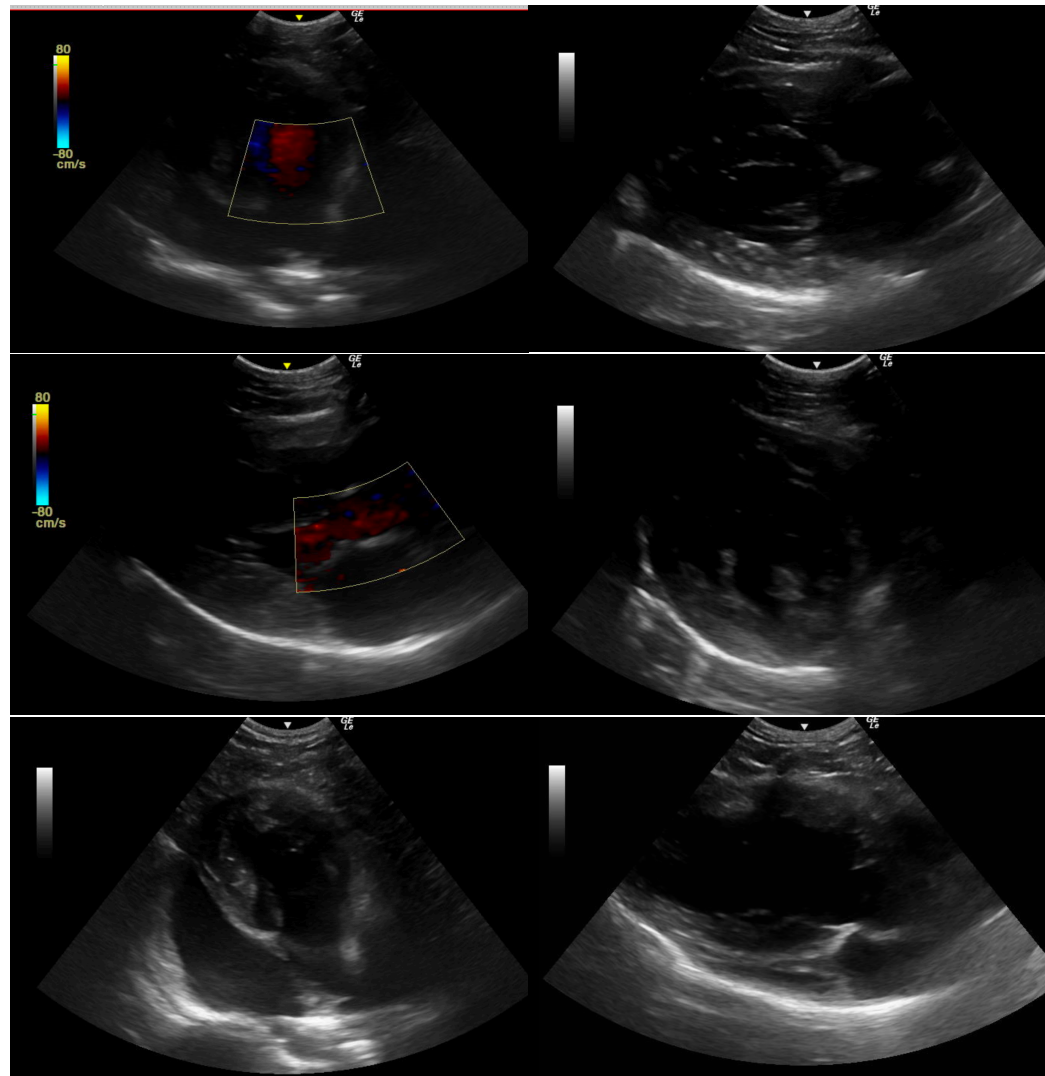
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- Possible idiopathic flow murmur, not hemodynamically significant

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Annual recheck is recommended. No medications are necessary. Further investigations may include, for example, blood pressure measurements.



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.

Laurent Locquet, DVM MRCVS GPCert (VC) Diplomate ECVIM-CA



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