



PATIENT

Nate Sullivan

SPECIES

Feline

BREED

Feline

SEX

Neutered Male

AGE

10 Years

WEIGHT

10.7 Pounds

PRESENTING CLINICAL SIGNS

History: recheck of left sided heart failure- HCM, organized caval clot. on lasix 6.25mg bid, clopidogrel 18.75 mg sid, enalapril 1.25 mg sid, pimobendan 1.25 mg bid, gabapentin 50-100mg.

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	--	NM	0.6	1.18	0.8	57	--
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	2.42	2.56	--	--	1.00	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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Sova AH

REFERRING VET

Dr. Sova

INVOICE

16435

DATE

7/1/22

Cardiac Presentation

The cardiac presentation presented progressive volume overload of the left atrium. Sectorial hypertrophy of the left ventricle was noted with a mild amount of pericardial effusion. Severe mitral insufficiency was noted. Mitral insufficiency velocity measured 5.64. The left ventricular papillary was thickened. Periodic tachyarrhythmia was noted. The hepatic veins were not dilated. The caval clot noted on the prior sonogram appears to have resolved or reduced to a point where it's out of view, in-fact if still present (out of view), then it's not likely a clinical issue at this time.

ULTRASONOGRAPHIC FINDINGS

- Progressive volume overload
- Hypertrophic cardiomyopathy phenotype
- Tachyarrhythmia
- Left sided failure
- Slight pericardial effusion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend continuation of the Plavix therapy in this patient, as well as Enalapril and Pimobendan. Lasix may be increased to 12.5 mg SID in the evening and 6.25 mg in the morning. Guarded prognosis. EKG indicated to assess the arrhythmia. BUN, creatinine, blood pressure and respiratory rate should all be monitored.



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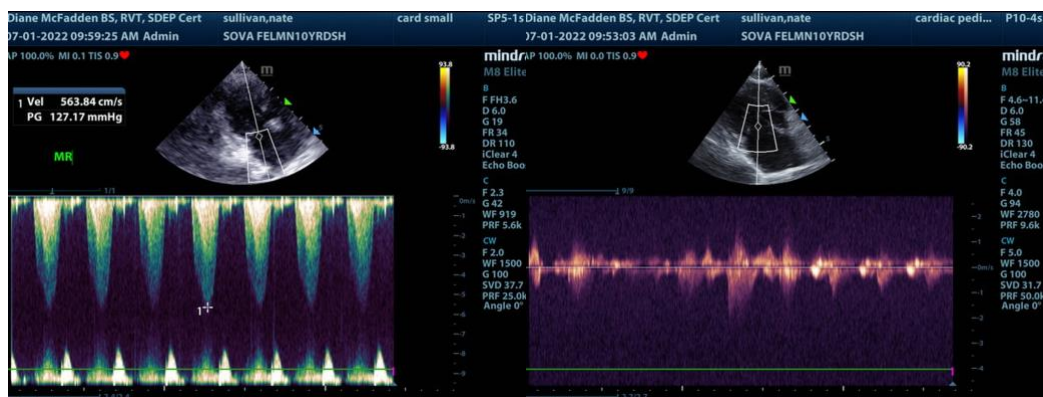
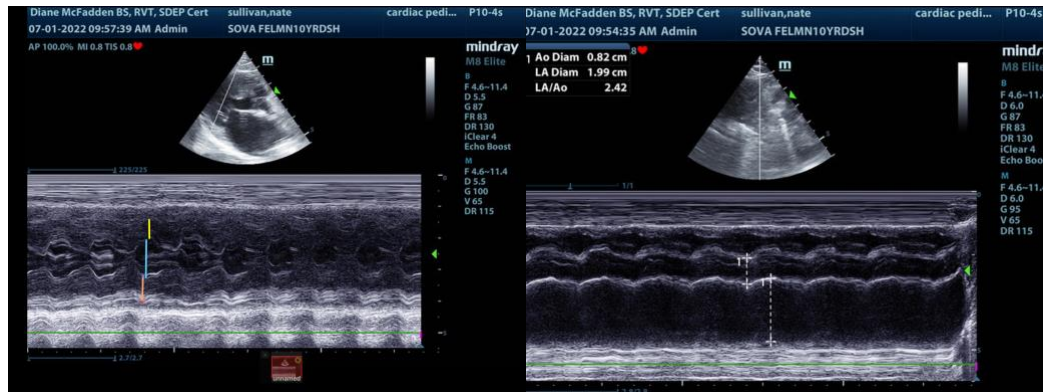
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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