



PATIENT

Joey Ostrom

PRESENTING CLINICAL SIGNS

Follow up from 10/10/22 had mild left atrial enlargement, myocardial remodeling

Abnormal PE/Chem/CBC/UA Results: wnl (jan 2023)

SPECIES

Feline

ULTRASONOGRAPHIC RECHECK EXAMINATION OF THE HEART

BREED

DSH

SEX

MN

AGE

9.5yr

WEIGHT

13lb

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		179	0.5	1.33	0.5	33.3	66.4
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	1.9	1.8	1.5		1.24	1.3	

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

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

Cardiac Presentation

The left ventricular wall exhibited subjective static myocardial remodeling with regions of mild myocardial asymmetry, mild diffuse increased endocardium echogenicity which may indicate fibrosis and mild prominent to remodeled papillary muscles. LV systolic function is adequate as evidenced by the FS measurement. LV and RV are subjectively within normal limits for size and volume. Persistent mild static LA enlargement with slight bulbous LA appearance exhibiting similar size compared to the previous echo was present. No evidence of LA spontaneous contrast or smoke. The RA appeared to be overall normal in size. The mitral valve exhibited evidence of previously noted static mild eccentric MR. Definitively visualized SAM was not present. No obvious TR. Normal measured LVOT velocity with possible minor dynamic to turbulent LVOT outflow was noted. Normal measured RVOT velocity with laminar flow on Doppler was noted. No obvious evidence of pericardial or pleural effusion. No evidence of cardiac tumors.

IMAGING PERFORMED BY

Val Shumskaya

HOSPITAL NAME

Fredon Animal Hospital

REFERRING VET

Dr. Grau

ULTRASONOGRAPHIC FINDINGS

- Static mild LA enlargement and LV myocardial remodeling

INVOICE

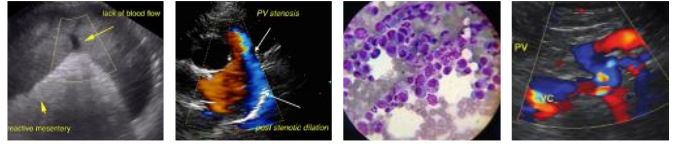
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

An overall similar cardiac presentation compared to the previous study with similar cardiac measurements and without evidence of significant progressive cardiomyopathy. Mild LA enlargement persists yet is essentially static compared to the previous study without evidence of progression. Given patient history, continued lowest effective dose of diuretic therapy if currently instituted would be reasonable with continue monitoring of renal parameters. No other overt indication for additional cardiac medications. Continued possible etiologies are still applicable. Overall, the heart appears to be

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compensated yet prognosis remains highly variable and serial sonographic monitoring is recommended. Recheck echocardiogram recommended in 6-8 months, sooner if clinical signs arise.

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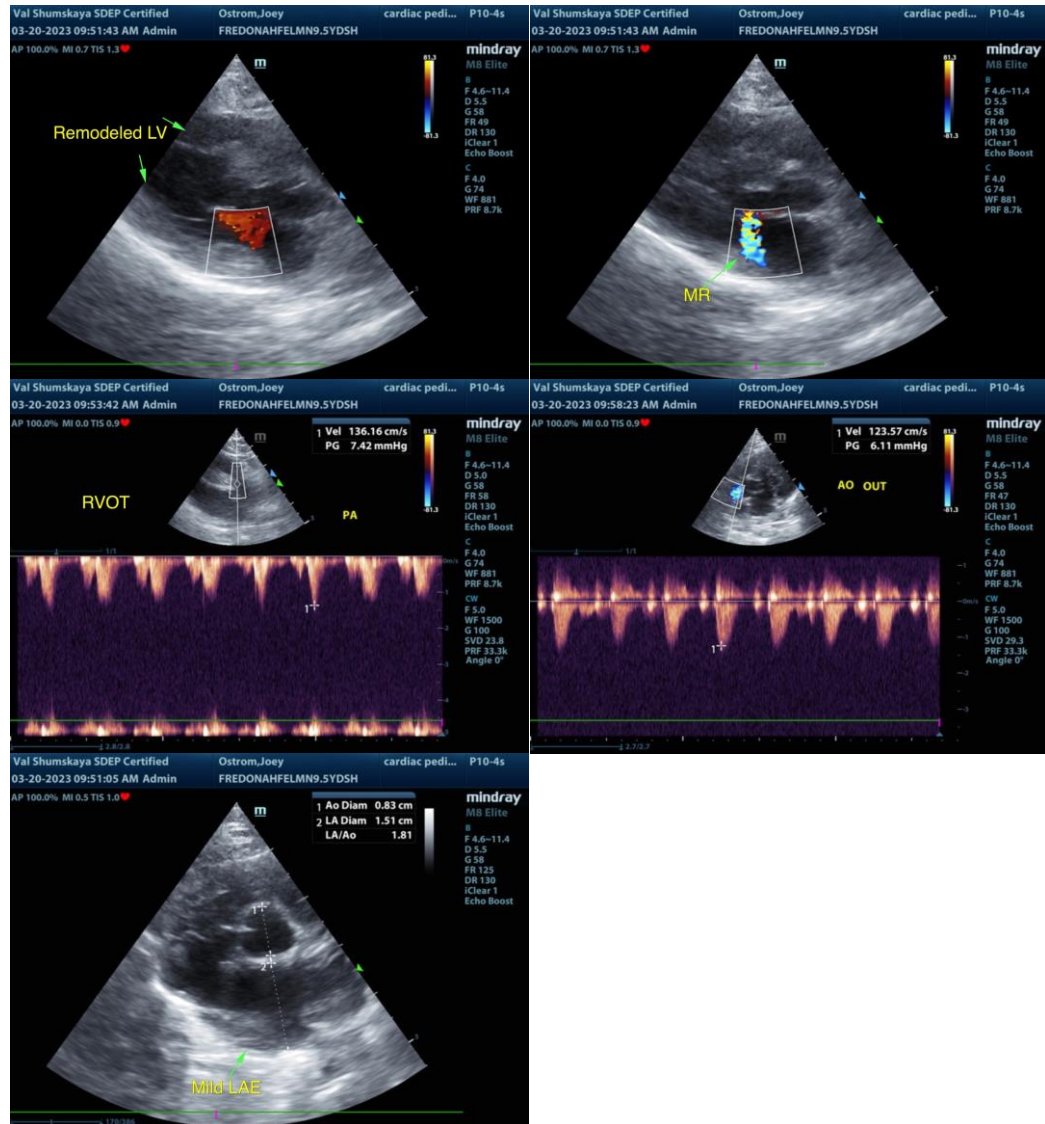
Dr. Grau

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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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

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