



PATIENT

Sweat Pea Bertrand

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years

WEIGHT

10.88 Pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Eugene AH

REFERRING VET

Dr. Matsuoka

INVOICE

35063

DATE

12/23/25

PRESENTING CLINICAL SIGNS

History: Clinical Exam Findings: No murmur or arrhythmia appreciated on exam. No crackles or wheezes, nor muffled heart sounds appreciated on exam. ABNORMAL Labwork Values Cardio proBNP 206 For ECHO Only: Blood Pressure To follow HR/RR/BP: 200/50/ to follow Is there a Heart Murmur? If so, please grade. None appreciated Current Medications None.

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	4.94	NM	0.46	1.37	0.59	--	--
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	0.91	1.03	--		1.07	1.14	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							

ECG Interpretation

Normal sinus rhythm

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 equivocal concentric hypertrophy of the left ventricular posterior wall. 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 concentric hypertrophy



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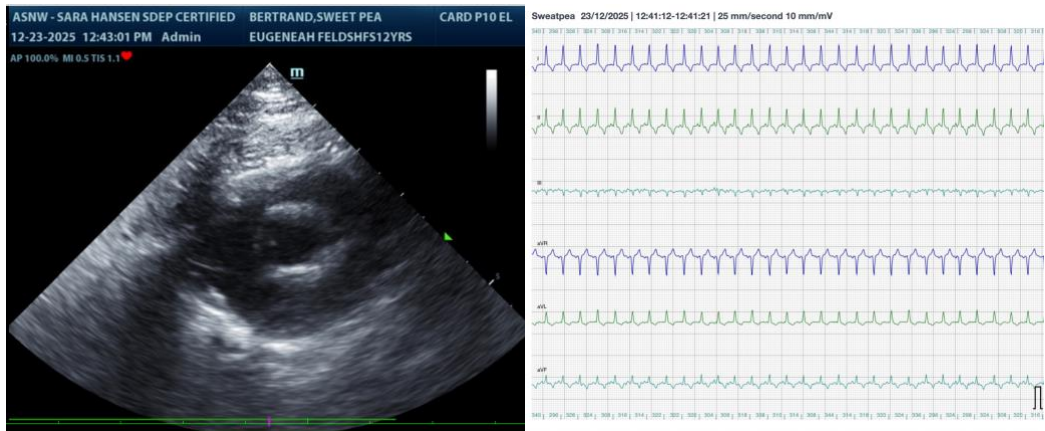
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient has equivocal changes to the left ventricular posterior wall. No cardiac therapies are recommended at this time. Recommend ensuring the patient is normotensive and euthyroid. Recheck echo is recommended in 10-12 months, sooner if cardiovascular clinical signs are developing.



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.

Sara Brethel DVM, DACVIM (Cardiology)

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