



PATIENT

Everything Bagel Evans

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

2 Years

WEIGHT

10.2 Pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

The Veterinary Hospital

REFERRING VET

Dr. Yamada

INVOICE

35114

DATE

12/29/25

PRESENTING CLINICAL SIGNS

History: Clinical Exam Findings: Was presented for general exam, no concerns, but noted slight weight loss, O said it was due to introduction of new housemate. However, noted grade III/VI systolic murmur, not present on previous exam ABNORMAL Labwork Values None was performed For ECHO Only: Blood Pressure Can be obtained the day of echo HR/RR/BP: HR 200, RR 50 Is there a Heart Murmur? If so, please grade. Grade III/VI systolic murmur, PMI left parasternum 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	4.63	NM	0.46	1.47	0.53	--	--
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	1.2	1.18	--		1.0	1.0	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							

MR VMAX: 6.07

Cardiac Presentation

The mitral valve leaflets are normal and there is mild mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is within normal limits. Left ventricular systolic function appears preserved. Left ventricular diastolic dimensions are within normal limits. There appears to be evidence of systolic anterior motion of the mitral valve. A left ventricular outflow tract obstruction is not identified. Left ventricular walls do not measure hypertrophied. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Mitral regurgitation



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- No evidence of a left ventricular outflow tract obstruction on the images provided.
- Normal left atrial size
- No concentric hypertrophy

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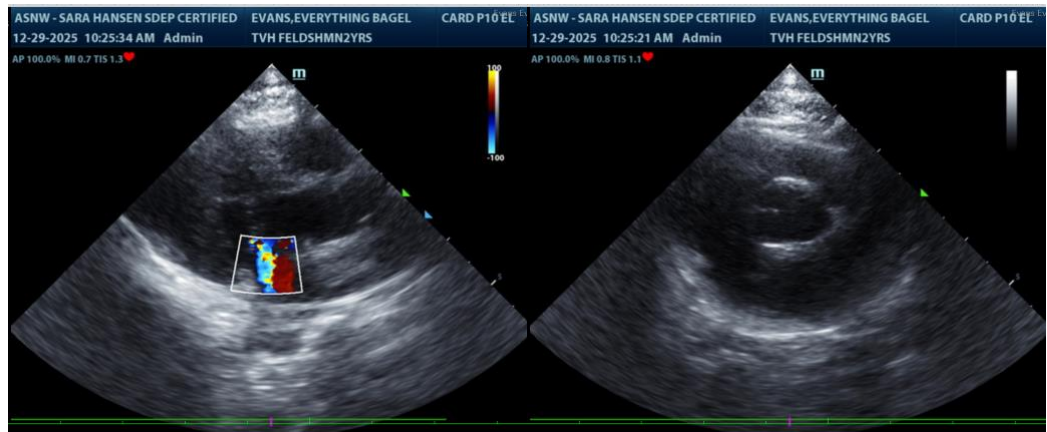
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient has mitral regurgitation and systolic anterior of the mitral valve. This is likely the source of the patient's murmur. No cardiac therapies are recommended. It is possible that there may be changes in the future. Recheck echo is recommended in 10-12 months, sooner if the murmur is increasing in intensity or the patient is developing cardiovascular clinical signs. The slight weight loss does not appear to be cardiac at this time.



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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