



PATIENT PRESENTING CLINICAL SIGNS

Oreo Tetrault

History: History well-controlled hyperthyroidism. History cardiac murmur. elevated ProBNP (113). On steroids for an allergic type skin reaction. Oreo is eating well with normal activity level. On exam: NSR, grade III/VI parasternal murmur, PSS, lung fields clear, compressible thorax, mm pink, moist, CRT < 2 BP: 140 mmHg x 3. Current medications: 1) Methimazole/tapazole 5mg 1/4 tab twice a day 2) lysine supplement daily *Sedated with propofol for study.

SPECIES

Feline

BREED ECHOCARDIOGRAM FINDINGS

DSH

2D, m-mode, color flow and Doppler imaging is available.

SEX

Female Spayed

Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are largely normal. There is a diffusely hyperechoic endocardium consistent with fibrosis. The papillary muscles are mildly hyperechoic.

Left atrium: The left atrium is normal in dimension. No obvious spontaneous contrast or thrombi seen.

Mitral valve: The mitral valve is normal in structure and mobility. No obvious systolic anterior motion is seen.

AGE

15 years

Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

WEIGHT

10.5lbs

Right atrium: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with no tricuspid regurgitation.

Pulmonic valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 150bpm.

2-Dimensional Measurements

Doppler Measurements

Ao diam (cm)	0.9
LA diam (cm)	1.1
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.41
LVID diastole (cm)	1.1
PW thickness (cm)	0.49
LVID systole (cm)	0.5
FS (%)	56

PV Vmax (m/s)	0.61
AoV Vmax (m/s)	0.97
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

32219

DATE

8/8/23

INTERPRETATION OF THE FINDINGS

Overtly normal geriatric cardiac structure and function, The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. There is mild remodeling and fibrosis of the left ventricular wall, which is considered normal. No cause for the murmur is identified in this study, making it likely physiologic in origin (i.e., secondary to tachycardia, volume changes, etc.).

An elevated BNP may be secondary to early fibrosis or may be a false positive (a known weakness of the test). Consider testing for other causes of elevation including renal disease. Monitoring is advised. Prognosis is open at this time.



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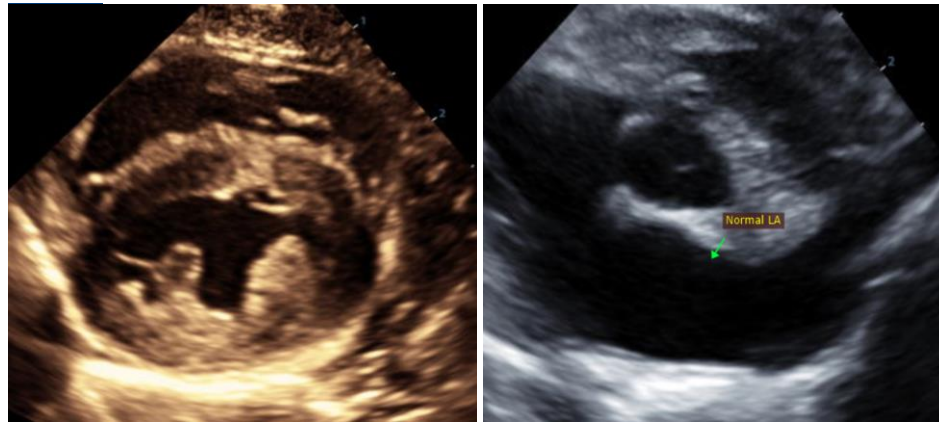
RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

PLAN

- Recommend recheck echocardiogram in 1 year to reassess murmur origin and screen for development of disease the pre-existing murmur may mask.

IMAGES



INTERPRETED BY

Maggie Machen Lamy, DVM
DACVIM (Cardiology)

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. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Maggie Machen Lamy, DVM
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HOSPITAL NAME

Mass Veterinary Services

Echocardiogram performed by:

Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

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