



PATIENT

Jill Dille

SPECIES

Canine

BREED

Terrier Mix

SEX

Female Spayed

AGE

13 years

WEIGHT

57.3lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

29597

DATE

3/15/23

PRESENTING CLINICAL SIGNS

History: Jill was noted to have a gallop rhythm with tachycardia in October. She has been previously noted to have nodules on her pancreas/liver. Jill does seem to get short of breath with exertion and has been slowing down over the past month. Her appetite waxes and wanes with some lip licking noted. On exam: transient arrhythmia, no murmurs noted, PSS, lung fields clear, mm pink, moist, CRT<2. BP: 150-160mmHg. *No sedation for study.

ELECTROCARDIOGRAPHIC FINDINGS *Note: Single lead ECGs are evaluated as a rhythm strip. Morphology/MEA cannot be definitively commented on.

A single lead ECG is available; 25mm/s, 20mm/mV. The average heart rate is 130bpm (range 83-166bpm). The rhythm is sinus in origin, with a p for every QRS complex and vice versa. P and QRS morphologies are positive. No ectopic beats, pauses or dysrhythmias observed.

ECG diagnosis: Normal sinus rhythm with respiratory variation.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is normal with adequate myocardial function for this signalment. LV wall thicknesses are normal.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. Trace MR.

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

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

Right atrium: Normal RA dimension.

Tricuspid valve: The tricuspid valve appears normal with trace tricuspid regurgitation. Normal velocity.

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

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

2-Dimensional Measurements

Ao diam (cm)	2.5
LA diam (cm)	3.0
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.9
LVID diastole (cm)	4.2
PW thickness (cm)	0.9
LVID systole (cm)	2.5
FS (%)	40

Doppler Measurements

PV Vmax (m/s)	0.75
AoV Vmax (m/s)	1.6
MR Vmax (m/s)	NA
TR Vmax (m/s)	2.3
TR PG (mmHg)	20

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. The overall dimensions are normal with no evidence of significant structural disease. Trivial MR and TR may suggest early valve disease and follow is recommended should a murmur be ausculted in the future. No additional issues are identified.



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The ECG shows a normal sinus rhythm. If these findings do not reflect what was ausculted on exam (i.e., premature beats), a longer recording or potentially a holter monitor may be necessary.

SPECIES

Canine

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Consider further evaluation of the arrhythmia as discussed.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

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PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 1 year to screen for development of cardiomyopathy.

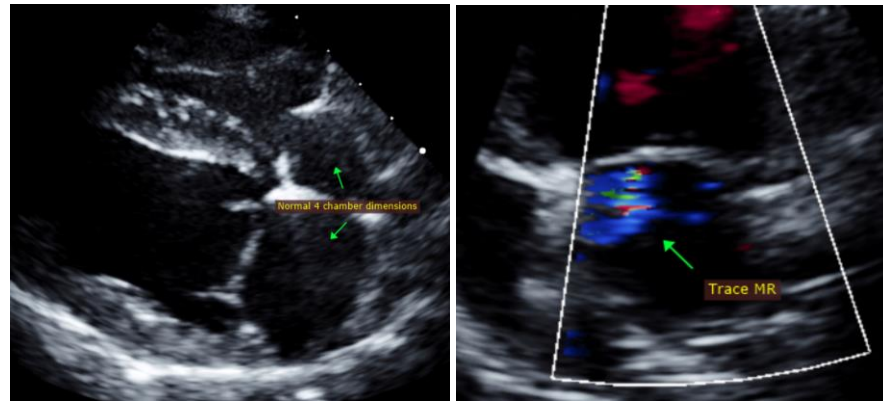
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IMAGES

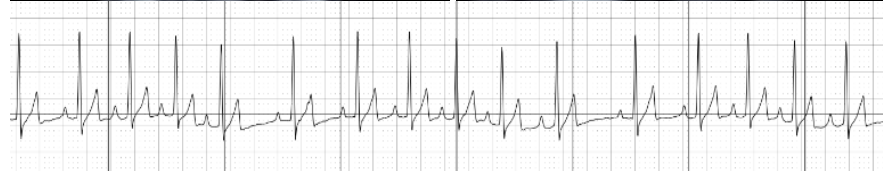
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

REFERRING VET

Dr. Masloski

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.

Maggie Machen Lamy, DVM
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INVOICE

29597

Echocardiogram performed by: Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

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