



PATIENT

Remington Sunier

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10

WEIGHT

20.5 Pounds

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Kicker

HOSPITAL NAME

Wauwatosa VC

REFERRING VET

Dr. Kicker

INVOICE

37364

DATE

6/5/26

PRESENTING CLINICAL SIGNS

History of a II/VI murmur on exam 5/12/26. Echo performed prior to anesthesia of a dental procedure. administer 0.3mg/kg torb for sedation. No history of increased resp rate, effort.

Abnormal PE/Chem/CBC/UA Results: BCS 9/9, grade 2/4 periodontal disease. no murmur heard on auscultation today (6/5/26). mean systolic blood pressure 148mmHg. CBC/CHEM/LYTEs normal as of Feb 2026.

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	9.3	1.81	0.5	1.57	0.53	57.3	--
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	1.4	1.5	1.4		0.74	0.73	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							

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is color flow in the region of the perimembranous septum that could represent a small perimembranous left to right shunting VSD. However, artifact cannot be excluded. There is no evidence of left ventricular concentric hypertrophy. 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 pulmonary valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonary or aortic valve 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

- Structurally normal heart on echo



PATIENT

- Suspected arrhythmia

Remington Sunier

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The echocardiogram revealed no evidence of significant underlying structural cardiac disease. While a definitive cause of the murmur was not documented today, a benign cause is suspected.

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On some image loops, an intermittent arrhythmia is suspected

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A six lead ECG is recommended prior to anesthesia to determine if any treatment is necessary and for risk stratification. Otherwise, the cardiovascular risk to anesthesia from a structural heart disease standpoint is low and no adjustment to the plan is needed.

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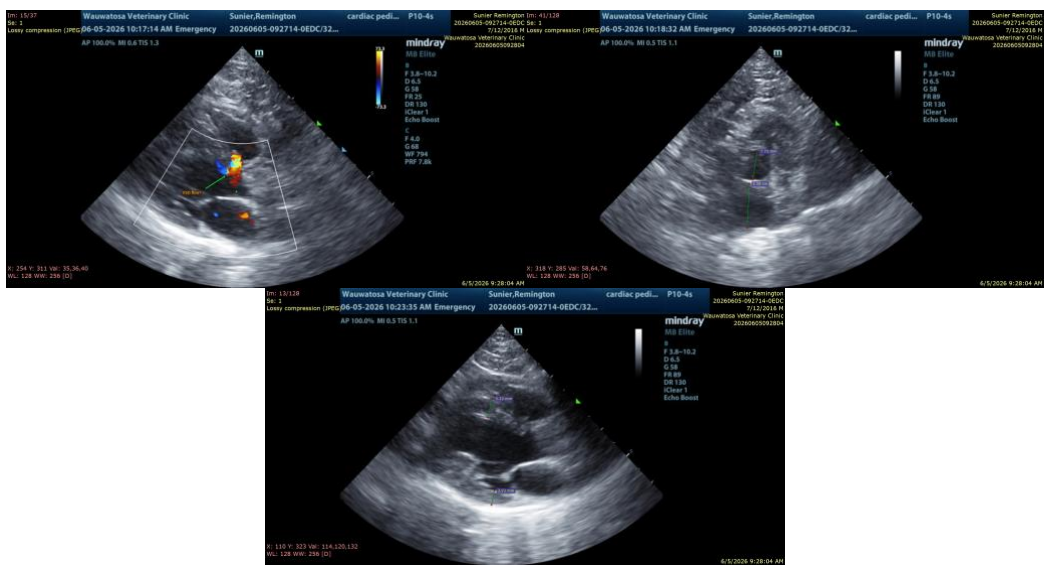
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

James Wood, DVM, DACVIM (Cardiology)

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