



PATIENT

Remy Allen

SPECIES

Feline

BREED

Maine Coon

SEX

Neutered male

AGE

7 months

WEIGHT

11.2 lbs

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

The Veterinary
 Hospital

REFERRING VET

Dr. Johnson

INVOICE

72100

DATE

3/2/26

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings: In general a healthy young cat , an arrhythmia was an incidental finding at recent emergency hospital visit for GI distress, GI signs have resolved. Happy asymptomatic young cat
- ABNORMAL Labwork Values none
- HR 180, resp 50
- Rhythm is irregular with occasional bursts of tachycardia
- Current Medications none
- Radiographic Findings none

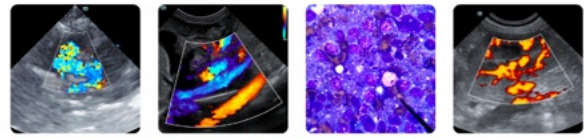
ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. There are no distinct left atrial thrombi/clots or spontaneous echo contrast appreciated. The left ventricle is normal in dimension as well as wall thickness, and no evidence of restriction. Left ventricular systolic function is normal, with adequate contractility. The right atrium and ventricle are subjectively normal in dimension and systolic function. The anterior and posterior mitral and tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation. There is no evidence of systolic anterior mitral valve motion documented. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural valvular integrity. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and appropriate diameter and distensibility. There is no evidence of pulmonary hypertension documented. There is no visible pericardial, pleural, or free peritoneal fluid noted.

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	5.09	NM	0.48	1.71	0.57	51	96
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	1.51	1.19	1.56		0.7	0.8	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							

ECCG:

The underlying rhythm is sinus in origin with a normal rate. The R-R intervals are regular, with a uniform P-R interval that is within normal limits. There are intermittent premature complexes with a wide QRS (>40ms), consistent with a ventricular origin. There are no ventricular couplets or runs of tachycardia documented. There is no evidence of atrioventricular block or atrial ectopy documented.



PATIENT

Remy Allen

SPECIES

Feline

BREED

Maine Coon

SEX

Neutered male

AGE

7 months

WEIGHT

11.2 lbs

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

The Veterinary
Hospital

REFERRING VET

Dr. Johnson

INVOICE

72100

DATE

3/2/26

ULTRASONOGRAPHIC FINDINGS

- These findings are consistent with an essentially normal echocardiogram. Any murmur auscultated will be considered functional in origin. A ventricular arrhythmia is noted. In cats, ventricular arrhythmias are usually secondary to underlying structural heart disease. Causes include cardiomyopathy (e.g., hypertrophic, restrictive, arrhythmogenic, dilated) or secondary myocardial disease (e.g., hyperthyroidism, hypertension). Rarely, ventricular arrhythmias develop secondary to extracardiac conditions (e.g., neurologic disease, metabolic disease, fever, anemia, trauma, GI disease, DIC and sepsis).

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

While therapy is not specifically indicated based on these findings, further diagnostics might help tailor therapeutic recommendations. Consider the following:

- Abdominal ultrasound to look for abdominal causes of VPCs (e.g., splenic/adrenal changes)
- Consider 24-48 hour ambulatory ECG (Holter) monitor to assess the severity of the arrhythmia

Anesthesia considerations:

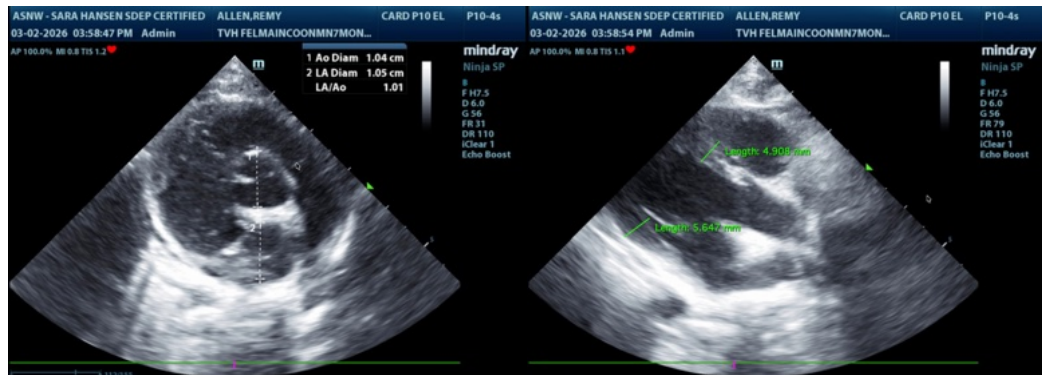
No special cardiac considerations are necessary

Diet:

No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

Activity:

No special considerations are necessary.





PATIENT

Remy Allen

SPECIES

Feline

BREED

Maine Coon

SEX

Neutered male

AGE

7 months

WEIGHT

11.2 lbs

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

The Veterinary
Hospital

REFERRING VET

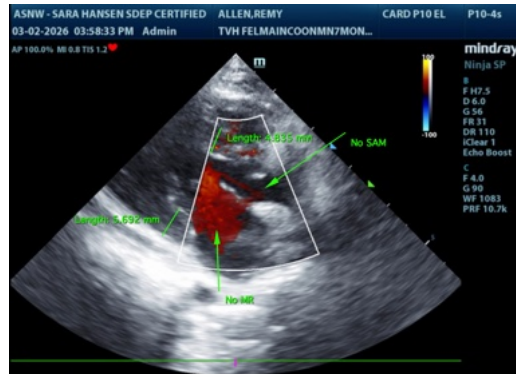
Dr. Johnson

INVOICE

72100

DATE

3/2/26



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.

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

info@SonoPath.com