



**PATIENT**

Opie Hardy

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

10

**WEIGHT**

12.15 Pounds

**INTERPRETED BY**

Camden Rouben, DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Arielle Roldan, CVT

**HOSPITAL NAME**

Milford AH

**REFERRING VET**

Aleksandra Ascione,  
DVM

**INVOICE**

36392

**DATE**

3/27/26

**PRESENTING CLINICAL SIGNS**

Presented for skin infection after aural hematoma, bloodwork was run to ensure no underlying disease and probnp/tnl were abnormal. No heart murmur, no known history of cardiac dz.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
<b>PATIENT</b>	5.52	NM	6.57	1.35	6.51	--	--
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/)
<b>NORMAL PARAMETER</b>	<1.5	1.6			<1.6	<1.3	40-60
<b>PATIENT</b>	--	1.41	9.7 mm		--	1.4	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							

EPSS: 0.13

**Cardiac Presentation**

Based off of the images provided, the mitral valve leaflets are within normal limits. There's no evidence of mitral regurgitation. The left atrial size is normal. The left ventricular wall thicknesses are mildly thickened. The diastolic function appears subjectively normal. The systolic function appears subjectively normal. The internal dimensions of the left ventricle appear normal. The right atrium is normal in size. The tricuspid valve leaflets are normal with no evidence of tricuspid regurgitation. The right ventricle appears normal in structure and function. The aortic and pulmonic valves have normal morphology and there's no evidence of regurgitation or insufficiency. There's no evidence of pleural effusion, pericardial effusion, or intracardiac masses based off of the images provided.

**ULTRASONOGRAPHIC FINDINGS**

- This patient has evidence of hypertrophic cardiomyopathy phenotype, ACVIM stage B1.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No cardiac medications are recommended at this time. If not already performed, this patient's blood pressure should be assessed. The patient is euthyroid. This patient should be closely monitored for increased resting respiratory rate and effort, >40 breaths per minute at rest. If there is increase in the resting respiratory rate and effort, then thoracic radiographs should be performed. General anesthesia



## PATIENT

Opie Hardy

## SPECIES

Feline

## BREED

DSH

## SEX

Neutered Male

## AGE

10

## WEIGHT

12.15 Pounds

## INTERPRETED BY

Camden Rouben, DVM,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Arielle Roldan, CVT

## HOSPITAL NAME

Milford AH

## REFERRING VET

Aleksandra Ascione,  
DVM

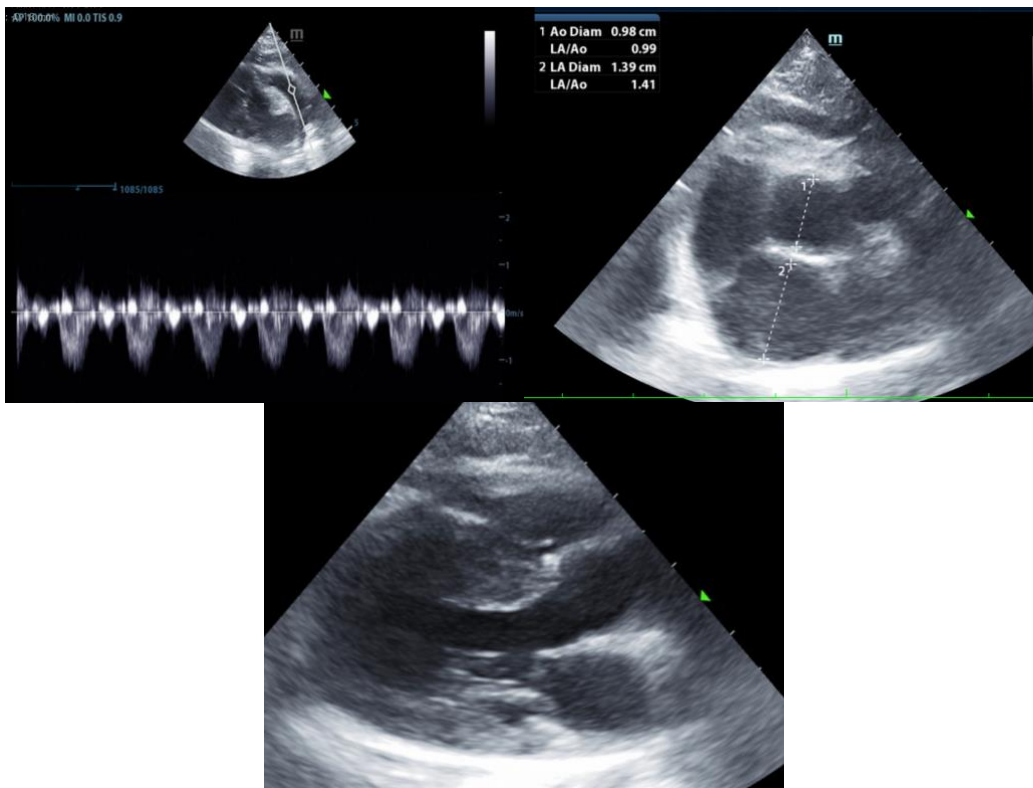
## INVOICE

36392

## DATE

3/27/26

is okay for this patient to have. Judicious use of perioperative fluids should be considered. The use of ketamine should be avoided. A recheck echocardiogram should be performed in 6 months.



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.

Camden Rouben DVM, DACVIM (Cardiology)

[info@SonoPath.com](mailto:info@SonoPath.com)