

PATIENT

Gunner Cappuccino

SPECIES

Feline

BREED

Tonkinese

SEX

Neutered Male

AGE

13 Years

WEIGHT

9.8 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

IMAGING PERFORMED BY

Dr. Megan Bray

HOSPITAL NAME

Taylorville Veterinary
Clinic

REFERRING VET

Dr. Melissa Earp

INVOICE

13621

DATE

02/05/26

PRESENTING CLINICAL SIGNS

- Presented on 1/5/26 for dental procedure, upon pre-exam a gallop rhythm and a grade one to two heart murmur were found, postponed dental procedure
- Patient was on gabapentin and butorphanol

Abnormal PE/Chem/CBC/UA Results: The proBNP result was elevated - see attached labs

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	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	9.8	NM	0.64	1.23	0.64	45	78
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	--	1.7	1.3		--	0.97	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 left ventricular wall is mildly hypertrophied with regions of irregularity. There is a diffusely hyperechoic endocardium consistent with fibrosis and ventricular remodeling. Papillary muscle hypertrophy with regions of remodeling. Mild increased left atrial dimension with mild LA bulbous presentation with no overt spontaneous contrast. There is possible indistinct systolic anterior motion (SAM) of the mitral valve present. There is mild eccentric mitral regurgitation present secondary to indistinct SAM. Normal right atrial size. Normal right ventricle size. Normal RVOT velocity. No TR. No other obvious valvular regurgitation is present. There is no pericardial effusion noted. No pleural effusion appreciated. No obvious cardiac tumors.

ULTRASONOGRAPHIC FINDINGS

- HCM phenotype with possible indistinct SAM and mild eccentric MR.
- Mild LA enlargement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cardiac presentation consistent with HCM or HOCM criteria given potential for indistinct SAM. This coincides with LV hypertrophy, possible mild dynamic LVOT obstruction and secondary mild MR.



PATIENT

Gunner Cappuccino

SPECIES

Feline

BREED

Tonkinese

SEX

Neutered Male

AGE

13 Years

WEIGHT

9.8 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

**IMAGING
PERFORMED BY**

Dr. Megan Bray

HOSPITAL NAME

Taylorville Veterinary
Clinic

REFERRING VET

Dr. Melissa Earp

INVOICE

13621

DATE

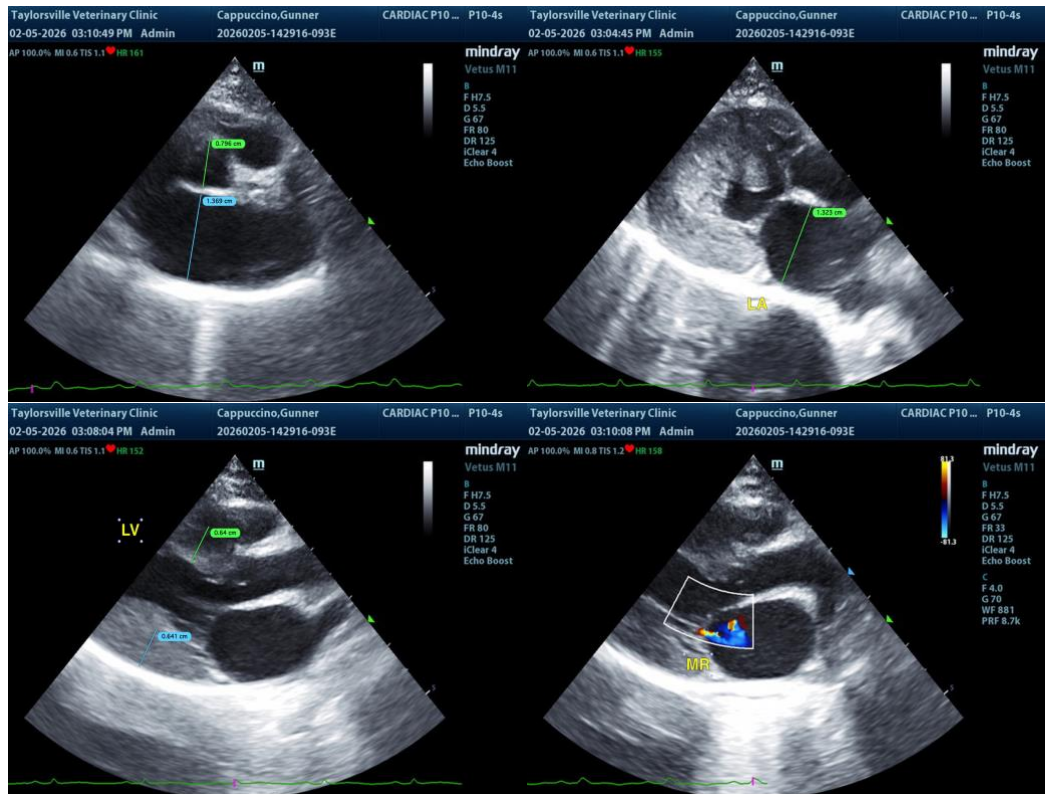
02/05/26

The increased LA dimension indicates the risk of spontaneous CHF and/or thrombotic events going forward may be elevated.

While no medication has been shown to alter long-term outcome, consideration for Atenolol initiation 25 mg tab 1 quarter tab SID is warranted given mild LA dilation. Initiation of Plavix 75 mg tab 1 quarter tab PO SID also reasonable.

Prognosis is variable yet potentially guarded. It should be noted that owing to its negative inotropic effects, the use of atenolol may increase the risk for CHF. Serial sonographic monitoring is indicated. Recheck echo is recommended in six months, sooner if clinically indicated. Conservative monitoring without medication if the patient is difficult to medicate would also be reasonable at this stage.

Serial monitoring of systemic BEP and T4 level to rule out complicating factors is recommended. Anesthetic risk is considered moderate. If required, the fine protocol is suggested with judicious IV fluid use and clinical monitoring. Suggested anesthetic protocol may include opioid or Benzodiazepine pre-med, induction with Propofol or Alfaxalone, and appropriate gas anesthesia with avoidance of alpha 2 agonists.





PATIENT

Gunner Cappuccino

SPECIES

Feline

BREED

Tonkinese

SEX

Neutered Male

AGE

13 Years

WEIGHT

9.8 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

IMAGING PERFORMED BY

Dr. Megan Bray

HOSPITAL NAME

Taylorville Veterinary
Clinic

REFERRING VET

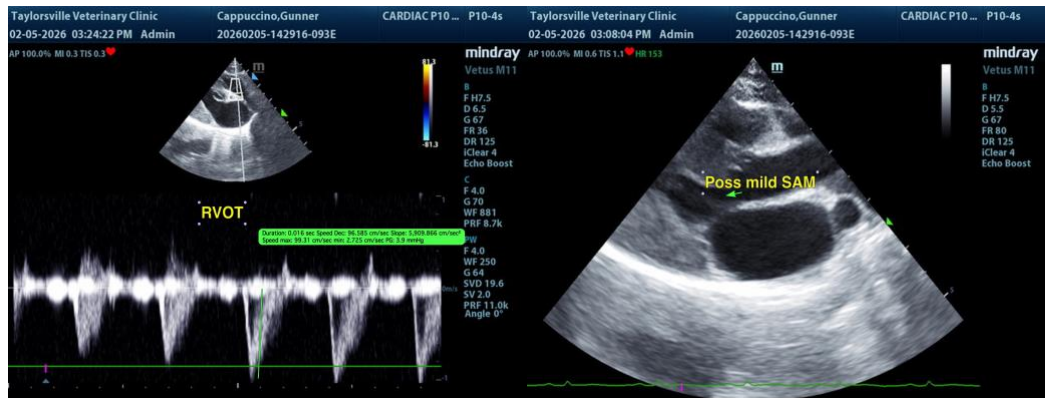
Dr. Melissa Earp

INVOICE

13621

DATE

02/05/26



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com