



DATE PRESENTING CLINICAL SIGNS

2.19.26 History: Recheck echo – no prior report available. Echo performed (Dr Goodwin 12/2022) due to arrhythmia and VPC noted. Started on Atenolol 25mg tab: ¼ tab once daily. Recent exam- no arrhythmia auscultated. No murmur.

PATIENT

Spooky Lippy -Pertinent abnormal PE/Chem/CBC/UA Results: mild renal changes.
-Current medications: Atenolol 25mg tab: 1/4 tab PO once daily, Budesonide 1mg tab: 1/2 tab PO once daily Felimazole 2.5mg tab: 1/2 tab PO once daily (O can't give twice daily).
-Sedation used: Not required to complete full diagnostic ultrasound.

SPECIES

Feline -Pertinent previous ultrasound results: No medical notes or previous echo report from previous echo.
-STAT: Not requested.
-Imaging performed by: Stephanie Warga RDCS, RVT.

BREED

DSH

SEX

MN

AGE

4.12.11

WEIGHT

8.06lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

HOSPITAL NAME

Timonium AH

REFERRING VET

Dr. McMichael

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal in dimension with a mild septal bulge. There is a mildly hyperechoic endocardium consistent with age-related fibrosis. Mild remodeling. The papillary muscles are hyperechoic. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. No MR. The tricuspid valve appears normal in structure and mobility. No TR. Blood flow through both the LVOT and RVOT are normal in velocity. No AI. No effusions. No obvious cardiac tumors.

CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	3.5-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	3.7	NM	0.68	1.4	0.45	50	85
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE (Swe) <small>(Abbott)</small>	LA 2D short axis Base view (cm) <small>(Abbott)</small>		LVOT VEL (m/s)	RVOT VEL (m/s)	E max (m/s)
NORMAL	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
PATIENT	NM	1.2	1.2		0.6	0.7	NM

Adapted from June Boon, Veterinary Echocardiography, 1998
Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.

INVOICE

46914

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The only abnormality identified is a mild focal septal hypertrophy is present in addition to mild LV remodeling, which may be indicative of early hypertrophic disease or may simply represent a normal

variant. A baseline BP is recommended. Regardless, the LA is normal which would indicate clinical stability. Serial echocardiography will be necessary to determine progression and clinical significance.

With a normal LA dimension, no medications are indicated. That being said, Atenolol was presumably instituted for a previous arrhythmia and may be reasonable to continue. Follow up should be dictated by the results of the prior evaluation.

Prognosis is open prior to assessing for progression.

No contraindication for general anesthesia from a cardiac standpoint.

Monitor for any development of clinical signs, including labored breathing or signs of a blood clot (paralysis, neurologic change).

PLAN

Baseline BP is recommended. Reassess an ECG to ensure the arrhythmia is well controlled.

A recheck echocardiogram is recommended in 6-12 months to screen for any evidence of progression.

IMAGES



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.

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

Diplomate of the American College of Veterinary Internal Medicine (Cardiology)

info@sonopath.com