


PATIENT PRESENTING CLINICAL SIGNS

Atticus Foxall
 History: Grade 2-3 systolic murmur unchanged. Coughing. HR: 180.
 -CXR report: Suspicious for airway disease.
 -Abnormal PE/Chem/CBC/UA Results: CBC- mild hemoconcentration and increased platelets.
 Chem- elevated glucose: 22.2, mild elevation of BUN: 14.6, spec fPL: 5.6 mild elevation consistent with pancreatitis.

SPECIES
 Feline

ECHOCARDIOGRAM FINDINGS

BREED
 DSH

SEX
 Male Neutered

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is borderline normal in dimension with regions of mild hypertrophy. There is a mildly diffusely hyperechoic endocardium consistent with fibrosis. The endocardium also appears mildly remodeled. Papillary muscle hypertrophy remodeling. The left atrium is normal. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. Blood flow through both the LVOT and RVOT are normal in velocity. No obvious cardiac tumors identified. No effusions.

AGE CARDIAC CHART

12 years

WEIGHT
 17.6lbs

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	8.0	220	0.57	1.4	0.59	52	90
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) (Abbott)	LA 2D short axis Base view (cm) (Abbott)		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	1.2	1.3	1.2		1.3	1.3	NM

**Note: All measurements based upon multi-modal images and methods. An average value is reported.
 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.*

INTERPRETED BY
 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY
 Kelly Reschny, RVT

HOSPITAL NAME

Headon Forest
 Animal Hospital

REFERRING VET

Dr. Wallace

INVOICE

21296

DATE

9/30/21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overtly normal geriatric cardiac structure and function. There is fibrosis of the left ventricular wall and borderline LV dimensions/papillary muscle hypertrophy which may be indicative of early cardiac disease or may simply represent a normal variant in this older cat. Regardless, the LA remains normal which would indicate clinical stability. Serial echocardiography will be necessary to determine progression. No obvious cause for the murmur is identified, making it likely physiologic in origin.

Given these findings, the cough is certainly noncardiac in origin and other possibilities should be considered.

Any cat with this degree of fibrosis and diastolic dysfunction will be at risk for IV fluid and/or steroid intolerance should they be needed in the future. Careful monitoring of breathing rates during and after administration is advised.



PATIENT

Atticus Foxall

No cardiac specific medications are indicated. Monitor for any development of clinical signs, including labored breathing or signs of a blood clot (paralysis, neurologic change).

SPECIES

Feline

A recheck echocardiogram is recommended in 6-12 months to screen for any evidence of progression, sooner if associated clinical signs develop.

IMAGES

BREED

DSH

SEX

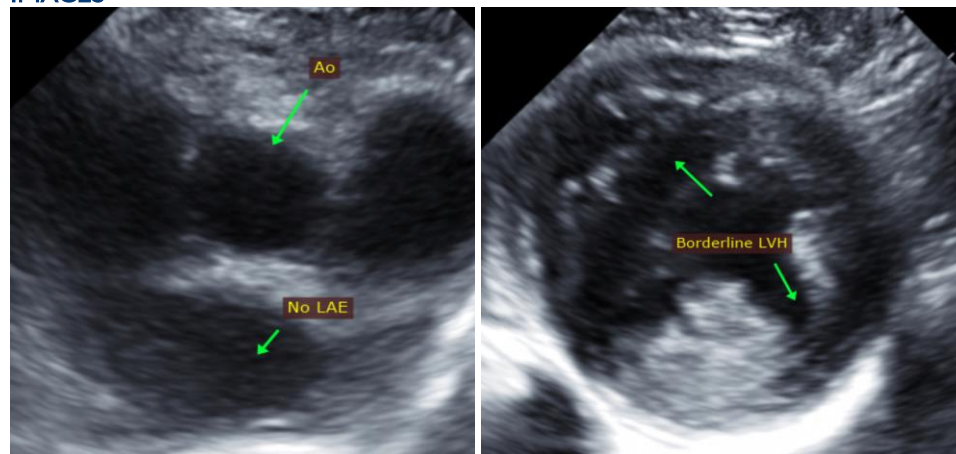
Male Neutered

AGE

12 years

WEIGHT

17.6lbs



INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

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.

IMAGING PERFORMED BY

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