


PATIENT

Boris Sourwine

PRESENTING CLINICAL SIGNS

History: Recheck echo.

-Pertinent previous echo findings (6/2022 MML): LV remodeling, borderline FS, no LAE. FS: 36%, LA: 1.1.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. The endocardium appears significantly remodeled. The LV function is normal. 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. The tricuspid valve appears normal. No MR. Trace TR. Right heart dimensions are normal (subjective). Blood flow through both the LVOT and RVOT are normal in velocity. No pericardial or pleural effusion noted. No obvious cardiac masses.

BREED

DSH

SEX

Male Neutered

AGE

6 years

CARDIAC CHART
WEIGHT

10.9lbs

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LWWd (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	4.9	134	0.51	1.6	0.51	46	80
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	1.4	1.2	1.1		0.7	0.7	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

Crystal Hill, RVT

HOSPITAL NAME

 St. Catharines Animal
 Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Compared to the prior study, findings are similar. No significant LV hypertrophy has developed, and the LA remains normal. Previously noted borderline dysfunction is not appreciated, making this likely a normal variant. No additional issues are identified.

REFERRING VET

Dr. Boctor

Given these findings, no medications are indicated.

Recommend recheck echocardiogram annually to screen for development of silent disease, sooner if any clinical signs or murmur are noted in the interim.

INVOICE

27690

DATE

11/29/22



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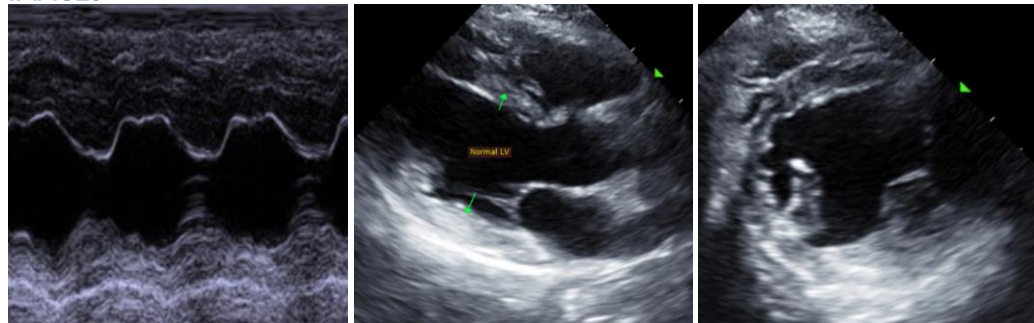
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IMAGES



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.

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