



PATIENT

Sofie Chen

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

4 years

WEIGHT

10lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Julia Bakker, DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

Dr. Day

INVOICE

47274

DATE

3/24/26

PRESENTING CLINICAL SIGNS

History: Grade 2/6 heart murmur.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is high normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. False tendon. The papillary muscles are mildly remodeled. The left ventricle is slightly dilated in diastole with adequate function. The left atrium is moderately dilated and bulbous in appearance. The right atrium is mildly dilated. The right ventricle appears prominent. The mitral valve is mildly thickened with no MR. Blood flow through both the LVOT and RVOT are normal in velocity. No AI. Trace PI. No pericardial effusion seen. No pleural effusion. No obvious cardiac tumors.

CARDIAC CHART

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	4.5	NM	0.51	1.5	0.51	40	76
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	1.7	1.7	1.6		1.7	1.4	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.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The finding of any degree of biatrial enlargement in the face of normal LV wall changes is most consistent with Unclassified Cardiomyopathy (UCM); however, some prior infectious or inflammatory insult to the myocardium cannot be definitively ruled out. There is also mild LV remodeling and fibrosis which indicates diastolic dysfunction. Serial echocardiography will be helpful to confirm the diagnosis and assess for progression.

Regardless of categorical classification, the finding of this degree of biatrial dilation is concerning for progression to CHF in the future. Pimobendan and Plavix are both recommended in this patient with moderate LA dilation for long term benefit. Prognosis is guarded long-term, with risk for CHF, development of blood clots and/or sudden death in the future.

Monitoring of sleeping respiratory rates (SRRs) at home is recommended as the best way to screen for recurrent CHF at home.



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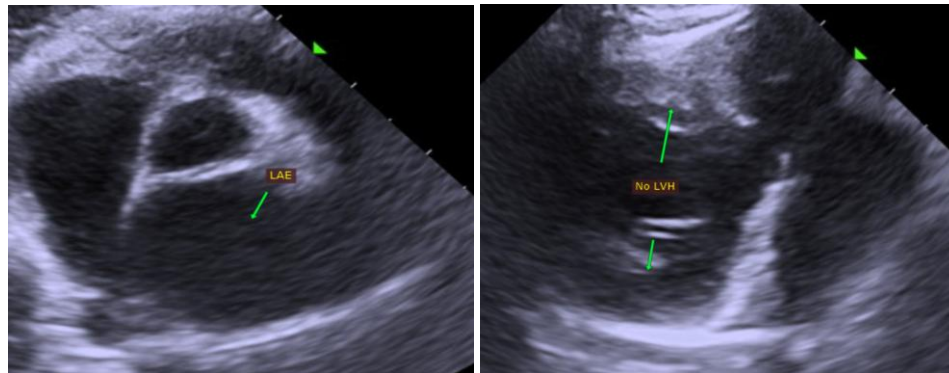
Anesthesia, fluid or steroid therapy does carry increased risk in this case.

PLAN

Baseline BP. Institute Pimobendan 0.625mg PO q12h. Institute Plavix (Clopidogrel) 18.75mg PO q24h.

A recheck echocardiogram is recommended in 6 months to assess progression, sooner if any associated clinical signs develop.

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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