



PATIENT

Cali Manson

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

3 years

WEIGHT

9.76lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Dr. Cole England

HOSPITAL NAME

Blue Cross Animal
Clinic

REFERRING VET

Dr. Wheeler

INVOICE

47698

DATE

4/27/26

PRESENTING CLINICAL SIGNS

History: Originally scheduled for dental anesthetic. Pre-anesthetic bloodwork had an abnormal fBNP. Procedure postponed until after echo evaluation. Pt is not having any issues and not on any meds. Abnormal PE/Chem/CBC/UA Results: NSF PE, NSF Chem 10/CBC, Abnormal fBNP.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a mildly hyperechoic endocardium consistent with fibrosis. The papillary muscles are mildly remodeled. The endocardium also appears remodeled. The left atrium is normal in size. The right atrium is mildly enlarged. The right ventricle is mildly enlarged with RVH suspected. The mitral valve is normal in structure and mobility. Blood flow through both the LVOT and RVOT is normal in velocity. No pleural or pericardial effusion seen. 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		nm	0.38	1.1	0.37	45	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	NM	1.0	1.2		0.8	0.9	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 only abnormality identified is mild right heart enlargement with mild RV hypertrophy suspected. Image quality is limited, and a cause for this is not identified. A normal variant is possible; however, other issues may be present such as an ASD, etc. The left heart appears normal and no additional issues are identified.

Given nebulous findings and an elevated BNP, referral to a local Cardiology should be considered. If declined, reassessment in the future is recommended (particularly should any clinical signs arise).

Monitor for development of a heart murmur, cough, labored breathing, exercise intolerance or collapse episodes.



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Based upon mild changes overall, anesthetic risk is likely low. Referral should be pursued prior to proceeding if elected.

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A recheck echocardiogram is recommended in 1 year to screen for any progressive right heart enlargement.

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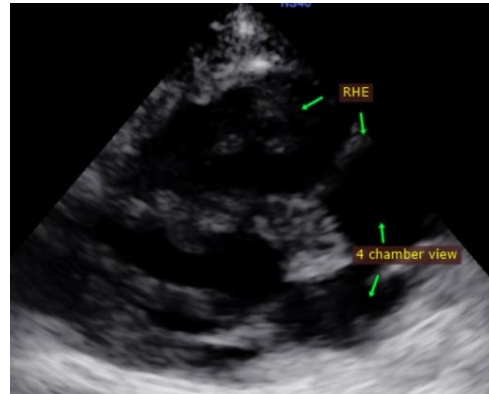
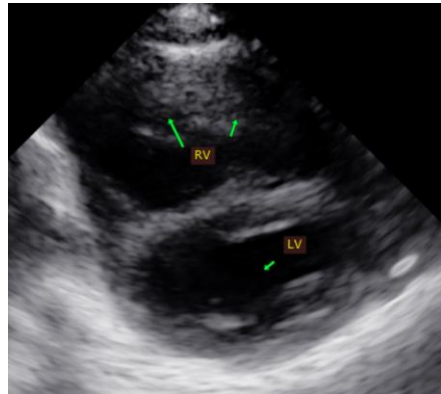
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IMAGES



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.

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Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

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

Dr. Cole England

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