



PATIENT

Fred Domino

SPECIES

Feline

BREED

Feline

SEX

Neutered Male

AGE

14 Years

WEIGHT

12.9 Pounds

INTERPRETED BY

Laurent Locquet, DVM
MRCVS GPCert (VC)
Diplomate ECVIM-CA

IMAGING PERFORMED BY

Meghan Morse, LVT,
CVT

HOSPITAL NAME

Kingston AH

REFERRING VET

Dr. Turner

INVOICE

35738

DATE

12/4/25

PRESENTING CLINICAL SIGNS

History: Weight loss, abnormal bw, worsening grade III/VI sternal murmur, inappetence, muscle loss
Current meds: Mirataz transdermal

Abnormal PE/Chem/CBC/UA Results: ALT 1034, Ca 10.9, Alb 4.2, Amylase 3282, HCT 26, Neuts 1558, FIV/FELV neg.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	12.9	NM	0.40	2.0	0.40	94	67
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.74	1.69	1.48		1.06	0.98	NM
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

Cardiac Presentation

The mitral valve leaflets are normal and there is mild mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is mildly enlarged. Left ventricular systolic function appears preserved. Left ventricular diastolic dimensions are within normal limits. There is evidence of systolic anterior motion of the mitral valve and there is a discrete step up in velocities through the left ventricular outflow tract. There is evidence of a kissing lesion at the level of SAM, and the left ventricular myocardium appears hyperechoic in some regions. Left ventricular walls measure normal. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS



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- Systolic anterior motion of the anterior leaflet of the mitral valve with mild left atrial dilation.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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No medications are necessary. Recheck is recommended in 6 months.

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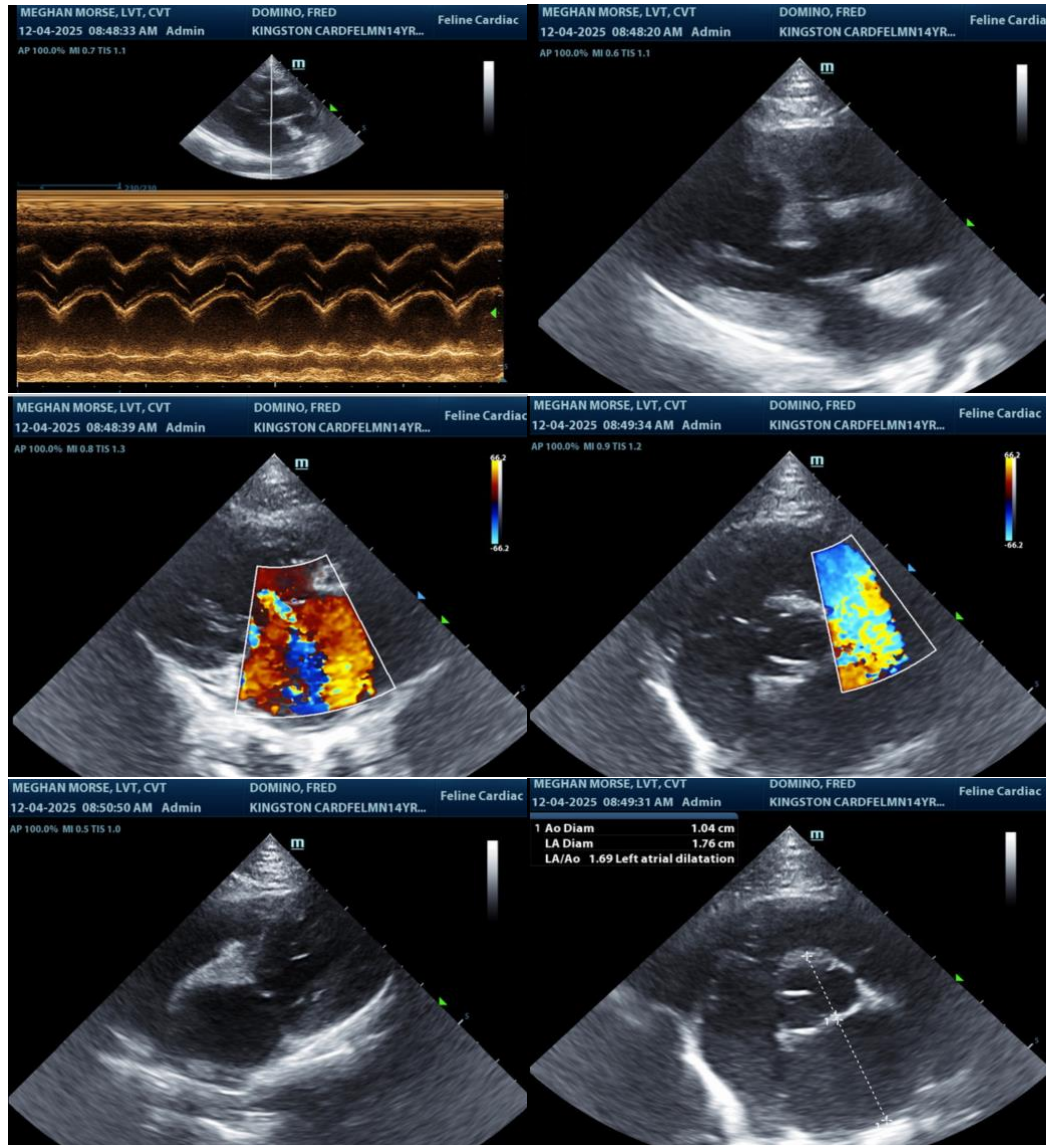
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

can be of any further assistance please contact me.

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