



PATIENT

Kitty Otis

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

15 years

WEIGHT

6.4 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

IMAGING PERFORMED BY

Meghan Morse, LVT,
CVT

HOSPITAL NAME

Rondout Valley VA

REFERRING VET

Dr. Laux

INVOICE

73395

DATE

3/11/26

PRESENTING CLINICAL SIGNS

- Cardiac murmur and episodes of blindness
- BP varies from normal (in 140s) to elevated in the 160s.
- Periods of dilated pupils w/ no menace or PLR then resolves.
- Current meds: Amlodipine, Clopidogrel
- BUN 38, PSL 47 U/A: 1.013, pH 6.5

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. **Mitral** valve insufficiency was minor and centralized. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions and angles of the myocardium. Minor **aortic** insufficiency was noted. The **right atrium** was mildly enlarged in this patient with minor **tricuspid** insufficiency. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	6.4 lbs	NM	0.3	1.95	0.3	38	72
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	1.37	1.07	1.8		1.4	1.14	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

ULTRASONOGRAPHIC FINDINGS

Mitral and tricuspid insufficiency.



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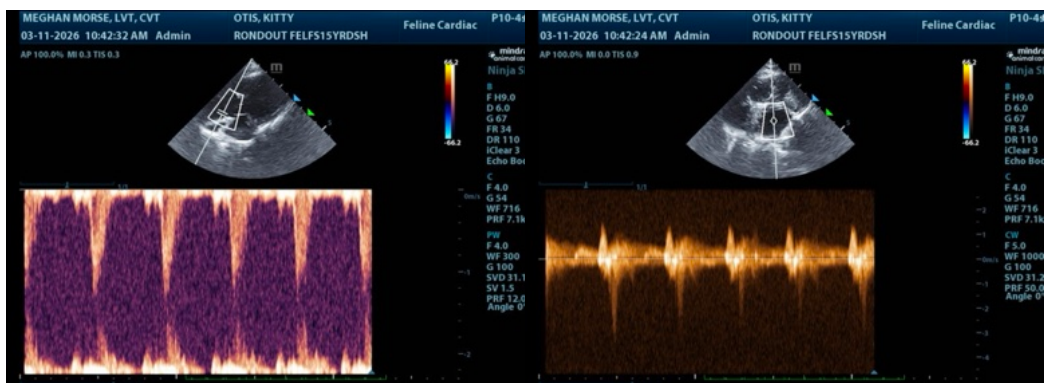
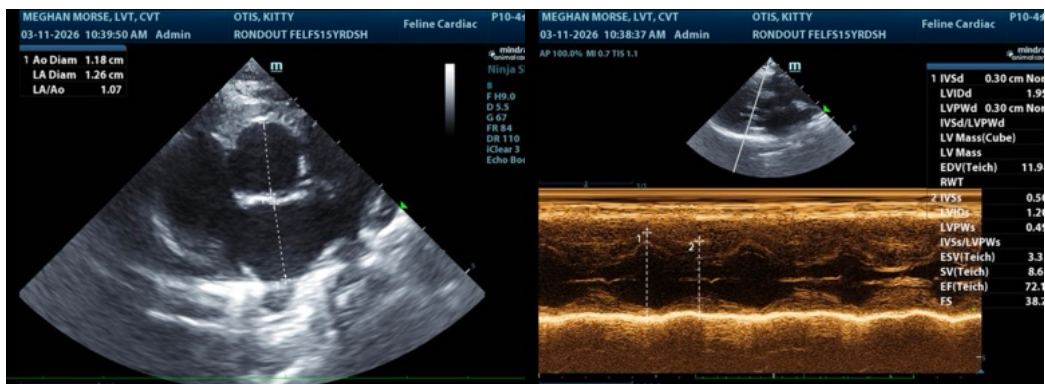
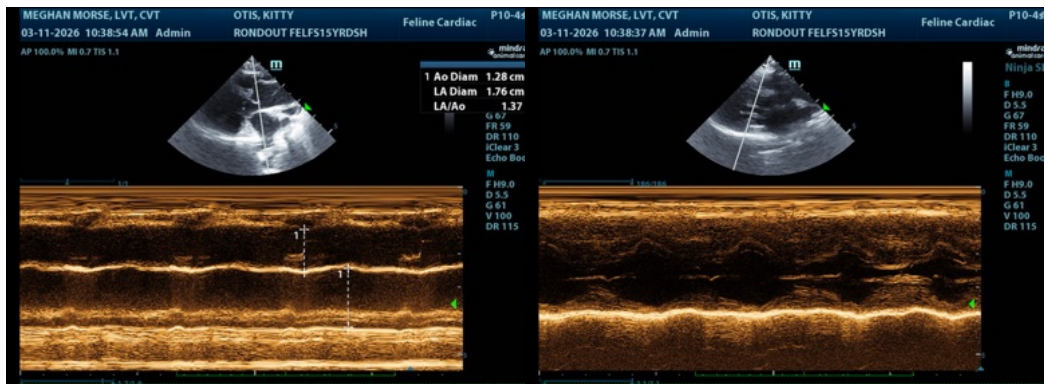
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ensuring systolic blood pressure is less than 160 and ensuring thyroid levels are maintained within normal limits are recommended. No specific change is noted on the current protocol.





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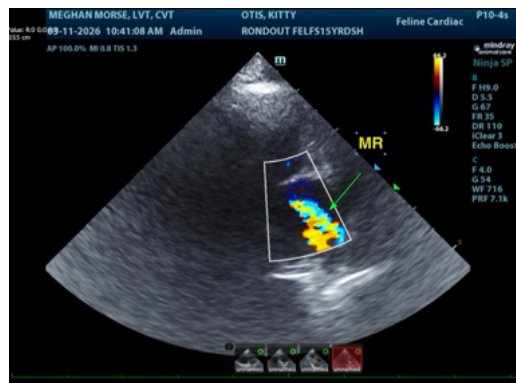
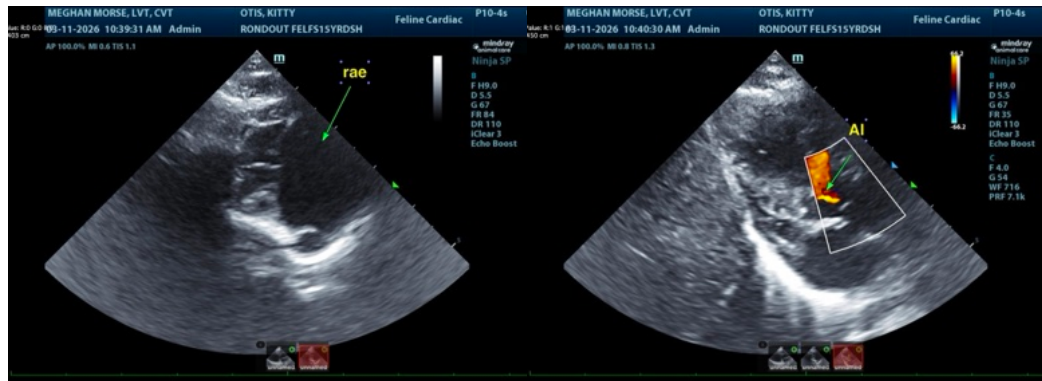
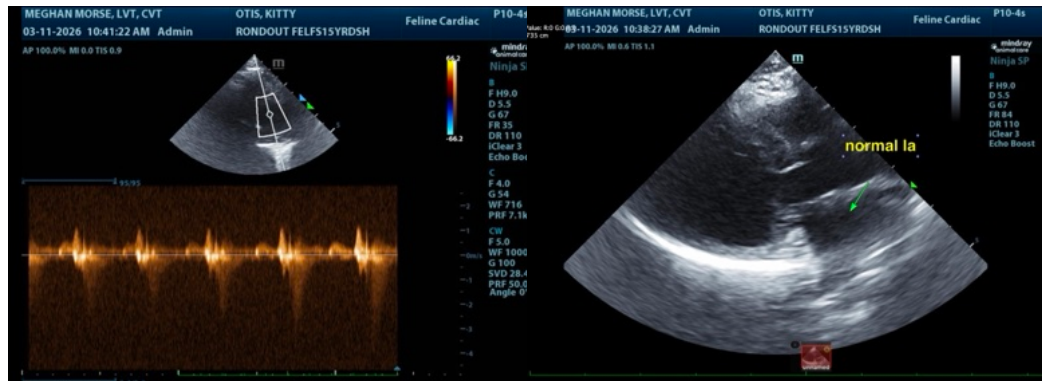
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

Info@SonoPath.com