



PATIENT

Luca Wyzykowski

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

15 years

WEIGHT

11.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jenn Tudini,
MRCVS SDEP Cert

HOSPITAL NAME

East Aurora VH

REFERRING VET

Dr. Rice

INVOICE

74108

DATE

4/2/26

PRESENTING CLINICAL SIGNS

- Patient established to have a new Grade 2/6 systolic cardiac murmur at recent examination.
- Patient has been noted to be a little more lethargic in recent times by owner.
- P/e: Grade 3/6 systolic murmur audible loudest on left side, no arrhythmia noted, femoral pulse quality good. mm pink, CRT < 2 sec. No other pertinent exam findings. Blood Pressures: BP: SYS: 176 DIA: 103 MAP: 122 HR 246 - consistent with hypertension ProBNP: Normal 55 (0-100)

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 noted. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. **Myocardial** remodeling was noted. **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. There was minor turbulence noted in the **left ventricular outflow** tract. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** insufficiency was noted. 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	11.3 lbs	213	0.54	1.4	0.4	50	90
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	1.3	1.3	1.2		-	-	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							



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ULTRASONOGRAPHIC FINDINGS

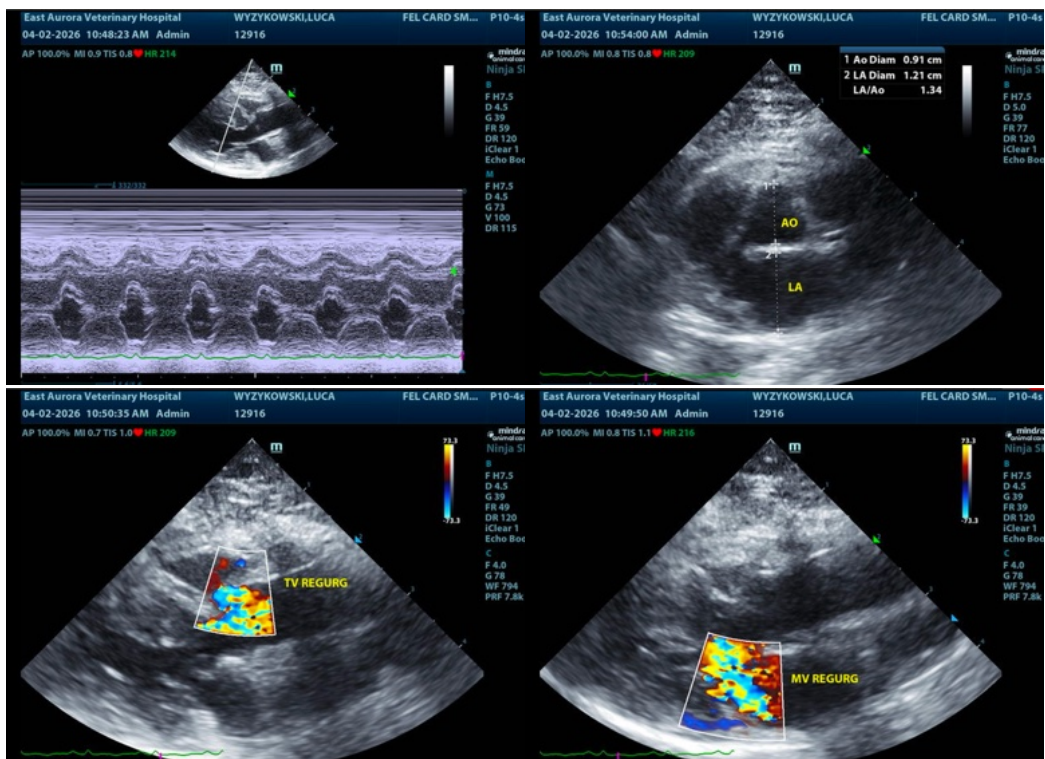
Mitral and tricuspid insufficiency.

Myocardial remodeling.

Structurally functional heart otherwise.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend controlling hypertension to reach a systolic pressure of less than 160. It is recommended to monitor thyroid levels. There was no evidence of functional pathology noted.





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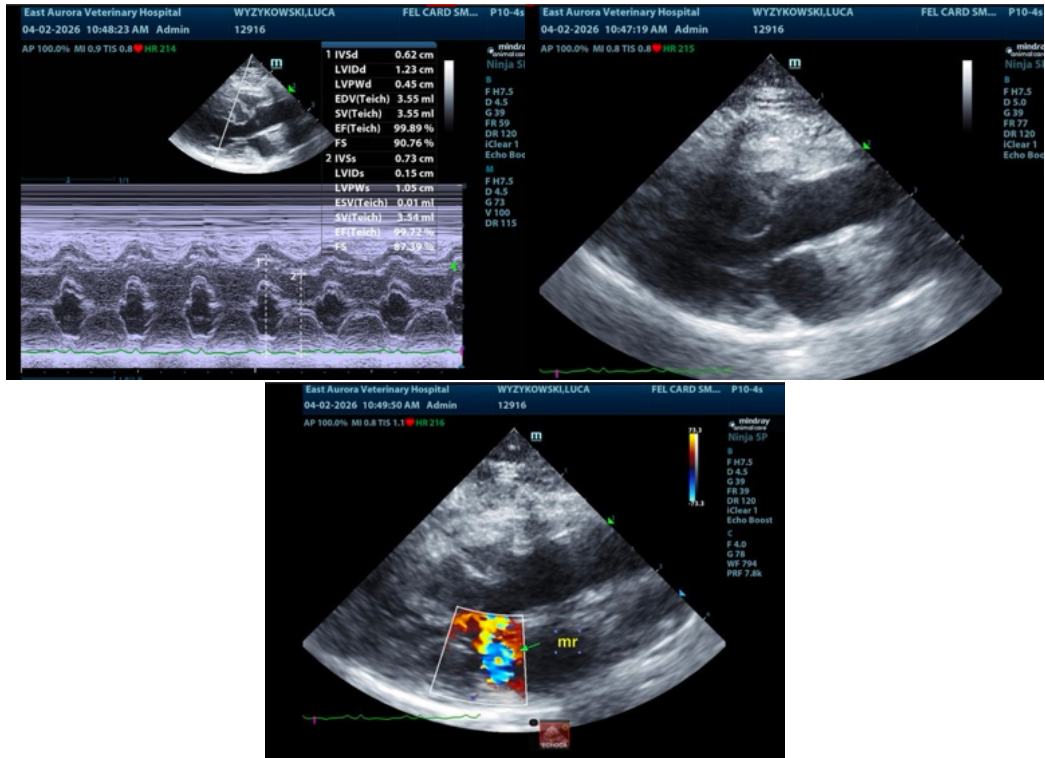
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com