



PATIENT

Wheatley Vane

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

11 ½ years

WEIGHT

19.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jenni Tudini
MRCVS, SDEP Cert

HOSPITAL NAME

East Aurora VH

REFERRING VET

Dr. Seward

INVOICE

68965

DATE

11/24/25

PRESENTING CLINICAL SIGNS

History: Patient has historically had a cardiac murmur during p/e's per owner. There are no clinical concerns relating to cardiac health but patient is a longstanding diabetic. Dental Prophy has been recommend

P/e: Exam unremarkable, no cardiac murmur ausc prior to scan (patient relaxed and suspect this may be dynamic in nature). - CBC: unremarkable - Biochem: Glucose 308 (72-175) Fructosamine 398 (191-349) - U/a: pH 9, Protein 2+, Glucose 2+, rare rods

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics.. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted.. Some **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. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. 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	19.5 lbs	NM	0.51	1.6	0.51	65	94
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	1.5	1.5	1.2		1.0	1.0	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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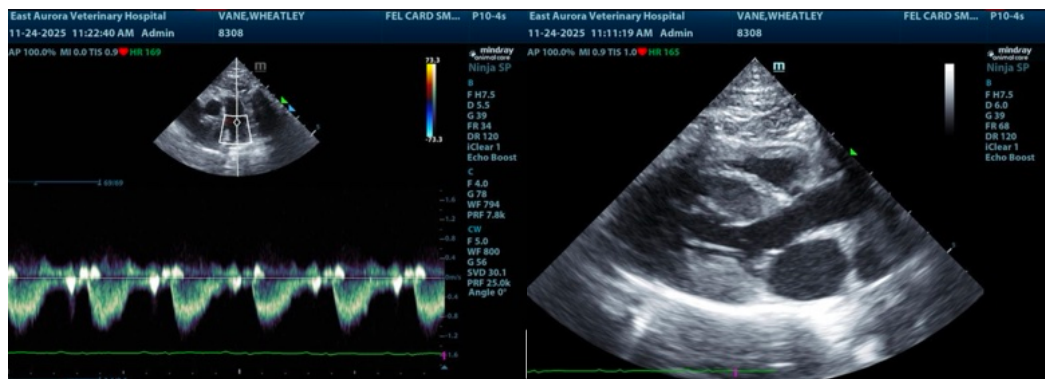
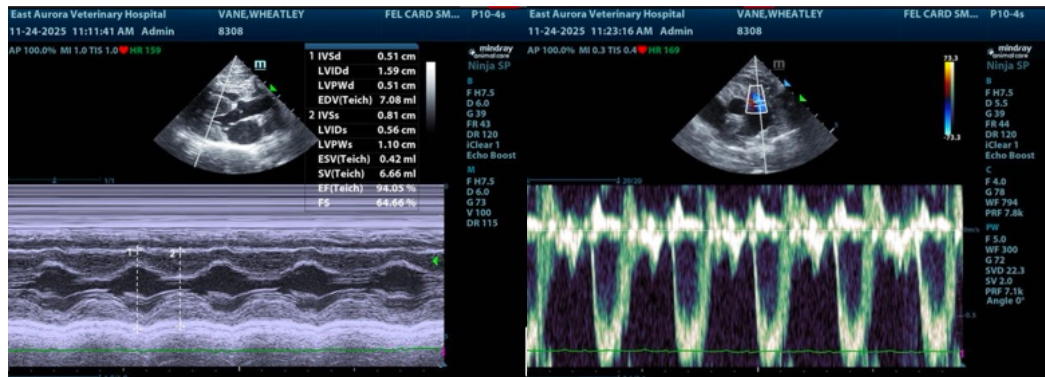
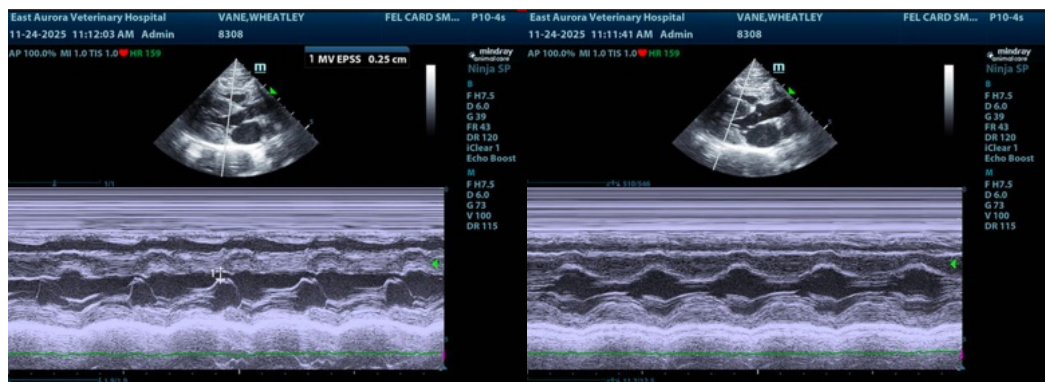
ULTRASONOGRAPHIC FINDINGS

Normal echocardiogram, likely flow murmur.

Some minor myocardial remodeling.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of structural or functional disease. There was no evidence of volume overload.





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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