



PATIENT

Trevor Kilmentos

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

9 Years

WEIGHT

11.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (Canine & Feline), Cert. IVUSS

IMAGING PERFORMED BY

Vincent Ravancho,
CVT

HOSPITAL NAME

The Gentle Vet

REFERRING VET

Dr. Dulude

INVOICE

36763

DATE

4/24/26

PRESENTING CLINICAL SIGNS

History: Arrythmia - has not had before - VPCs caplets + triplets. PT is FIV+ BP - Mean Systolic 135 doppler. Thyroid normal. Took gabapentin this morning, no more VPCs.

Abnormal PE/Chem/CBC/UA Results: proBNP 165. USG 1.049

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	11.7	130	0.56	1.33	0.57	49	84
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	--		1.00	1.30	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							

EPSS: 0.1, E-wave velocity: 0.9

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial mitral insufficiency was noted on spectral and color doppler. 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. 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.

ULTRASONOGRAPHIC FINDINGS

- Essentially normal echocardiogram with minor mitral insufficiency
- Measurably normal left ventricular wall thicknesses
- Adequate contractility



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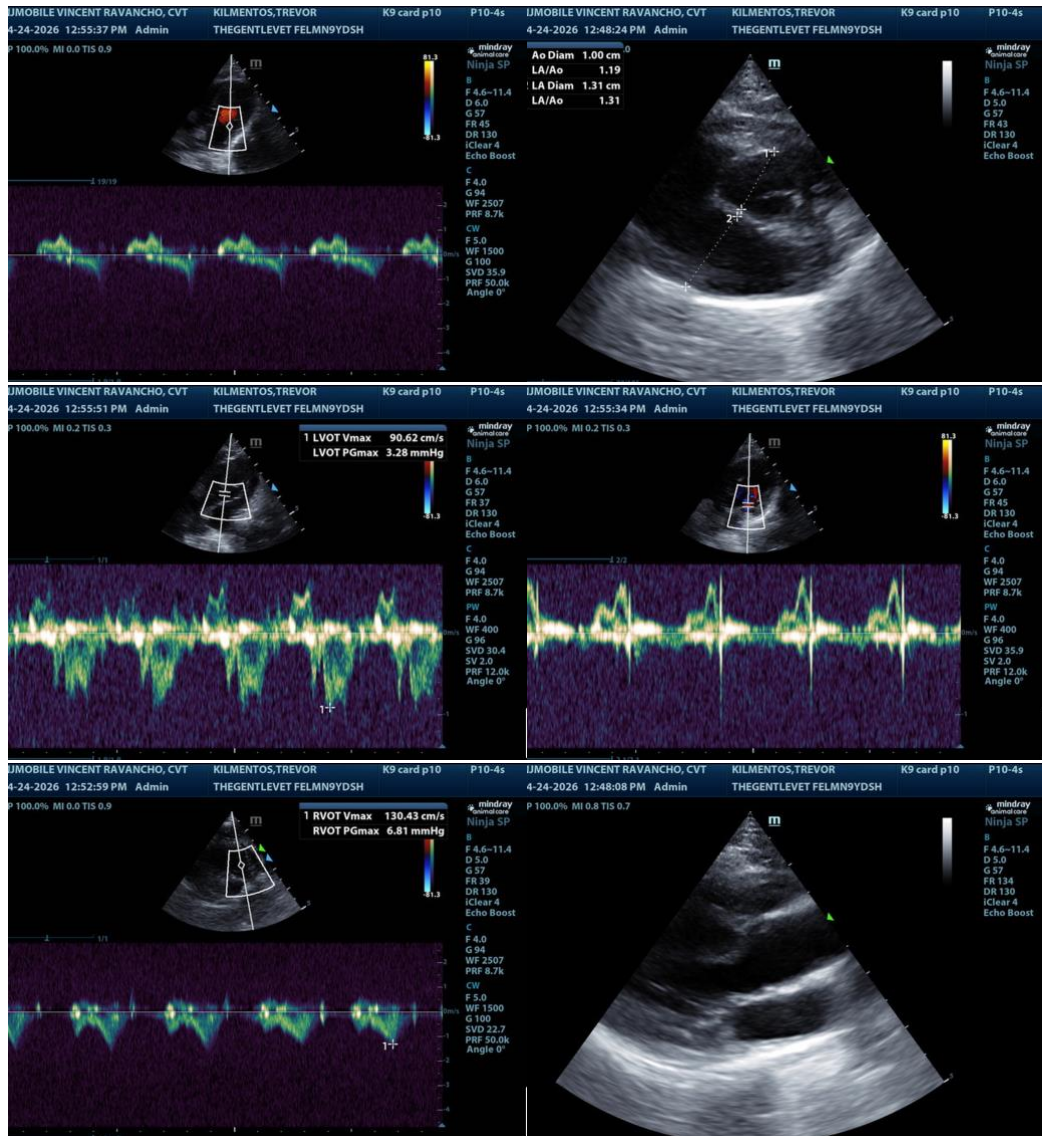
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Any treatment would be based on EKG results, yet structurally and functionally the heart is unremarkable.





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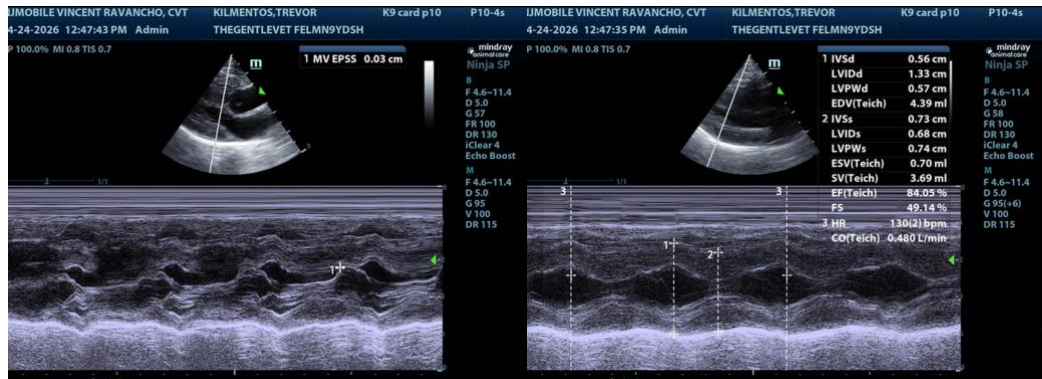
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,
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