



PATIENT

Andrew C2303 Animal
In Distress

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

11.8 years

WEIGHT

20.07 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Renee Ziegler Post

HOSPITAL NAME

For Cats Only VC

REFERRING VET

Dr. Ziegler Post

INVOICE

71773

DATE

2/19/26

PRESENTING CLINICAL SIGNS

- Recheck echo
- Abnormal ProBNP

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented moderate volume overload of the **left atrium**. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. The **left ventricle** presented sectorial hypertrophy and adequate **contractility**. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and **right ventricle** were unremarkable. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). The **pericardial** and pleural space was unremarkable other than a trace amount of pericardial effusion.

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	20.07	200	0.75	1.65	0.75	46	80
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	1.9	1.9	2.12 max		-	-	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							

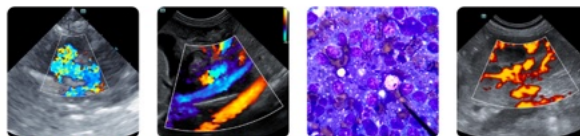
ULTRASONOGRAPHIC FINDINGS

Hypertrophic cardiomyopathy

Left atrial enlargement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is concern for emerging left-sided heart failure given the trace pericardial effusion. Depending on current medications, ace inhibitor therapy, low-dose Lasix and/or off label Pimobendan can be considered. Recheck echocardiogram is recommended in a month. However, history of medication on



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this patient was not provided. Justification of an ace inhibitor, Pimobendan +/- low dose Lasix can all be considered. Plavix therapy is also indicated.

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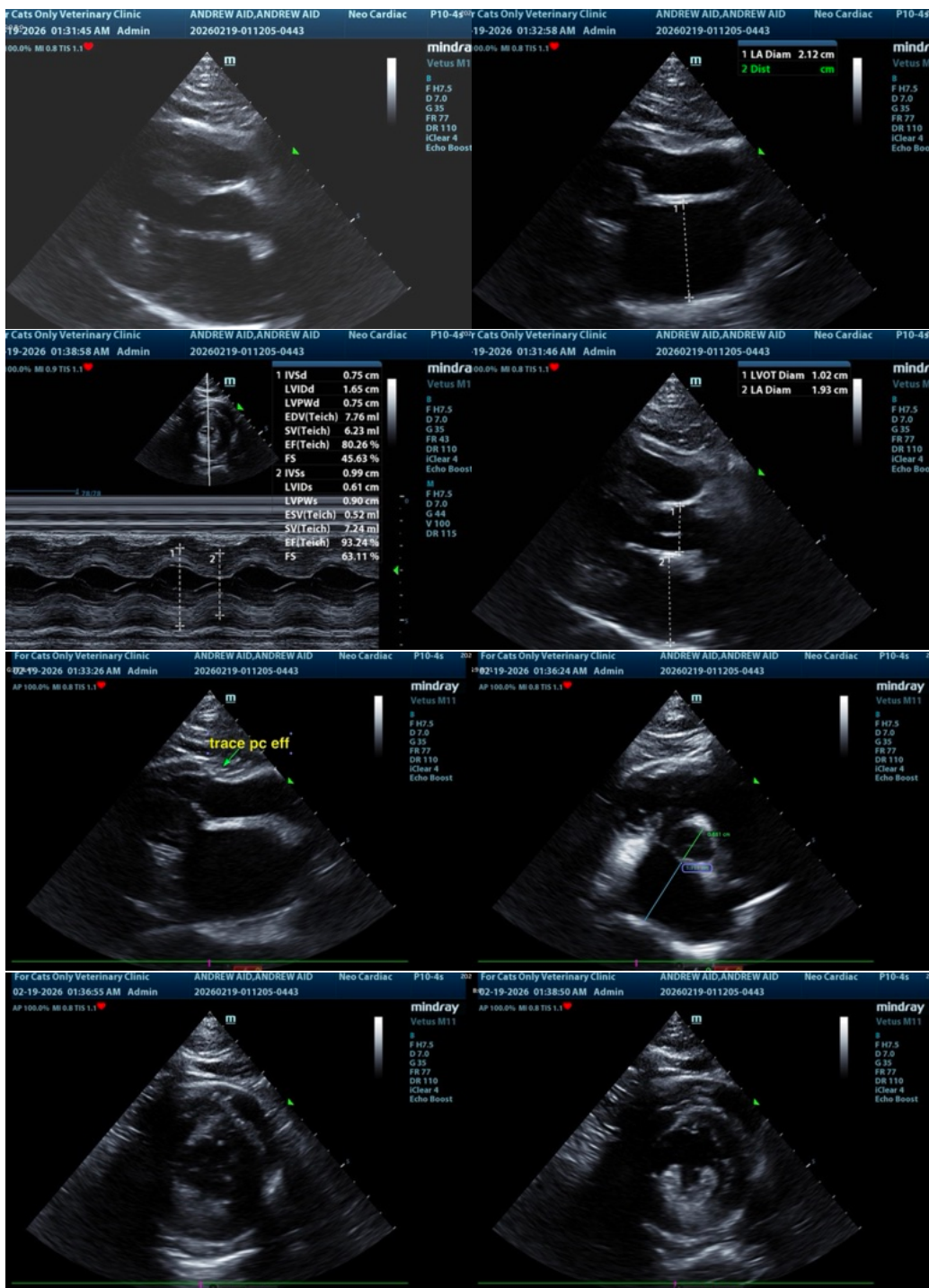
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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