

PATIENT

Dallas McLeod

SPECIES

Canine

BREED

Doberman

SEX

Spayed female

AGE

9 years

WEIGHT

76 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Vincent Ravancho,
CVT

HOSPITAL NAME

Sova AH

REFERRING VET

Dr. Sova

INVOICE

70375

DATE

1/21/26

PRESENTING CLINICAL SIGNS

- Heart murmur

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated volume overload in the **left atrium** and **left ventricle** with poor contractility. **Mitral** insufficiency was noted. The **left ventricular and right ventricular outflow** velocities were subnormal. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** insufficiency was noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. No visible **pericardial** or free pleura fluid was noted. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window. Significant arrhythmogenic activity was noted in this patient.

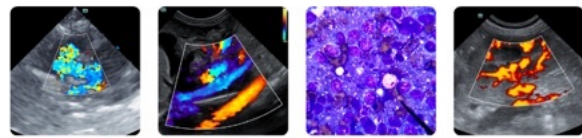
CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	LA/AO (Heart Base)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	-	-	1.6	1.5	22	41	1.2
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	Variable 93	1.0	0.5	76 lbs	5.4	5.08	

ULTRASONOGRAPHIC FINDINGS

Dilatative cardiomyopathy presentation with arrhythmogenic activity.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend initiating Pimobendan at 0.3 mg/kg b.i.d., ace inhibitor at 0.5 mg/kg s.i.d. progressing to b.i.d. and Spironolactone at 1-2 mg/kg s.i.d. Taurine levels and supplementation is indicated. Thyroid assessment is recommended. Nutraceuticals should be considered and baseline EKG, but better yet Holter monitor would be appropriate for assessing the arrhythmia and potential treatment depending on findings. Recheck echocardiogram is recommended in 1-3 months depending on clinical status.



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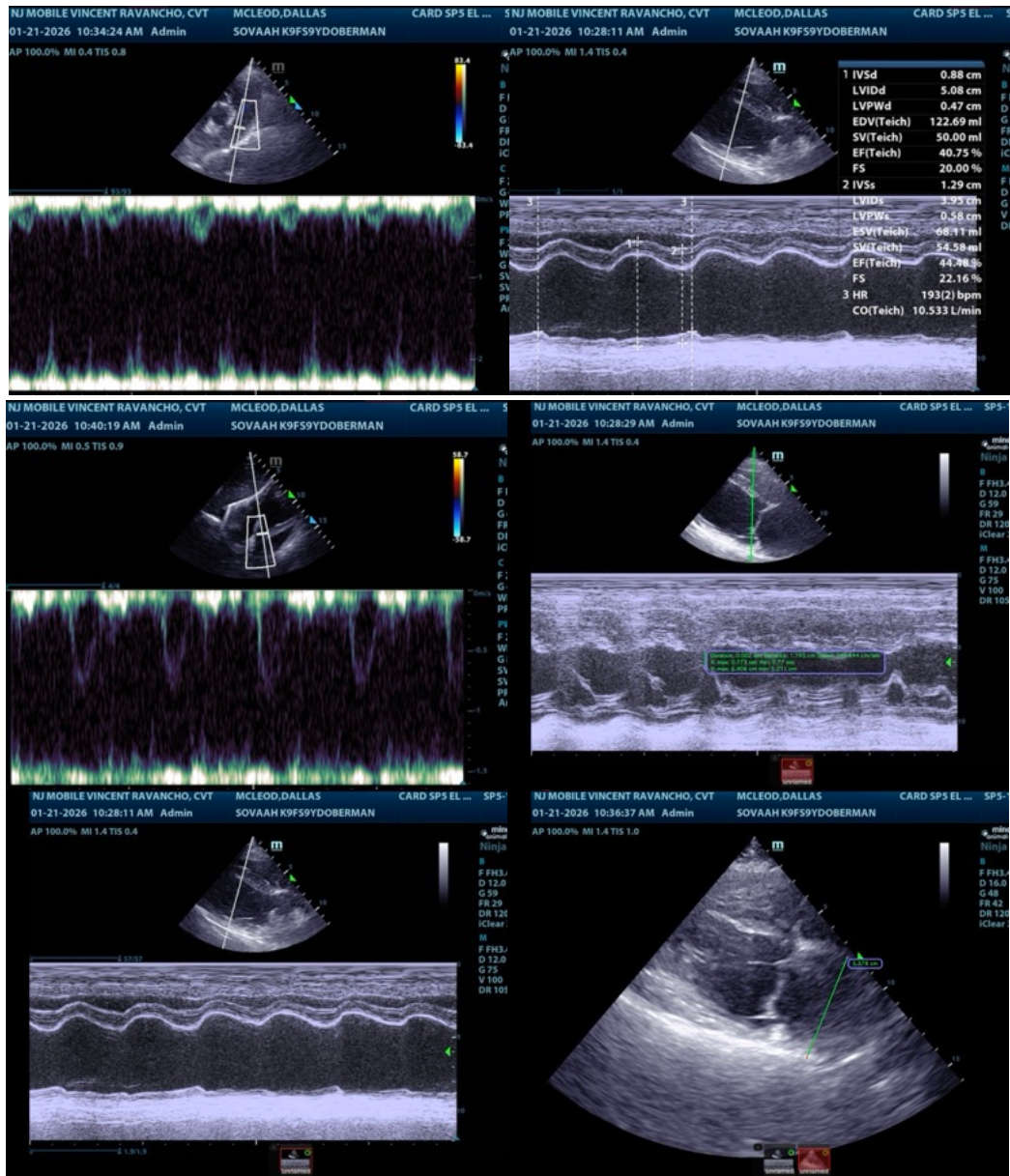
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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