



PATIENT

Stella Lockey

SPECIES

Canine

BREED

Cavachon

SEX

Spayed Female

AGE

7 Years 5 Months

WEIGHT

18 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr Arun Kutagulla

HOSPITAL NAME

Union Park Animal
Hospital

REFERRING VET

Dr Arun Kutagulla

INVOICE

15833

DATE

05/05/26

PRESENTING CLINICAL SIGNS

Pet presented for panting and increased respiratory rate for 2 days. pet is grunting a lot. on presentation pet has open mouth breathing, tachycardia, tachypnea, Heart murmur grade-5/6. On ultrasound fast scan no free fluid noticed in abdomen or pericardium.

Abnormal PE/Chem/CBC/UA Results: bloodwork is pending

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	NM	>3.0	35	--	0.4
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	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				
PATIENT	NM	--	--	18.0	4.8	4.0	--

Cardiac Presentation

The echocardiogram in this patient demonstrated severe mitral valve insufficiency and volume overload of the left atrium/left ventricle. Mild volume overload was noted in the right ventricle/right atrium and pulmonary artery consistent with stage C1 valvular disease. No pericardial effusion was present, however, pulmonary edema lines were present.

ULTRASONOGRAPHIC FINDINGS

- Stage C1 valvular disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Based on the image set provided, recommend treatment for C1 valvular disease. Recommend Lasix at 2.0-3.0 mg/kg BID, ACEi 0.5 mg/kg SID progressing to BID and Pimobendan 0.3 mg/kg BID.

The heart is in a somewhat precarious state with volume overload and a heart that is working to compensate for the valvular insufficiency. Target respiratory rate is < 20 resp/minute after therapy. After initiating therapy, I recommend recheck on the clinical exam, BUN, Creatinine, USG, Chest radiographs & Blood pressure in 5-7 days. Recheck echo in 1 month. Earlier if clinical decompensation



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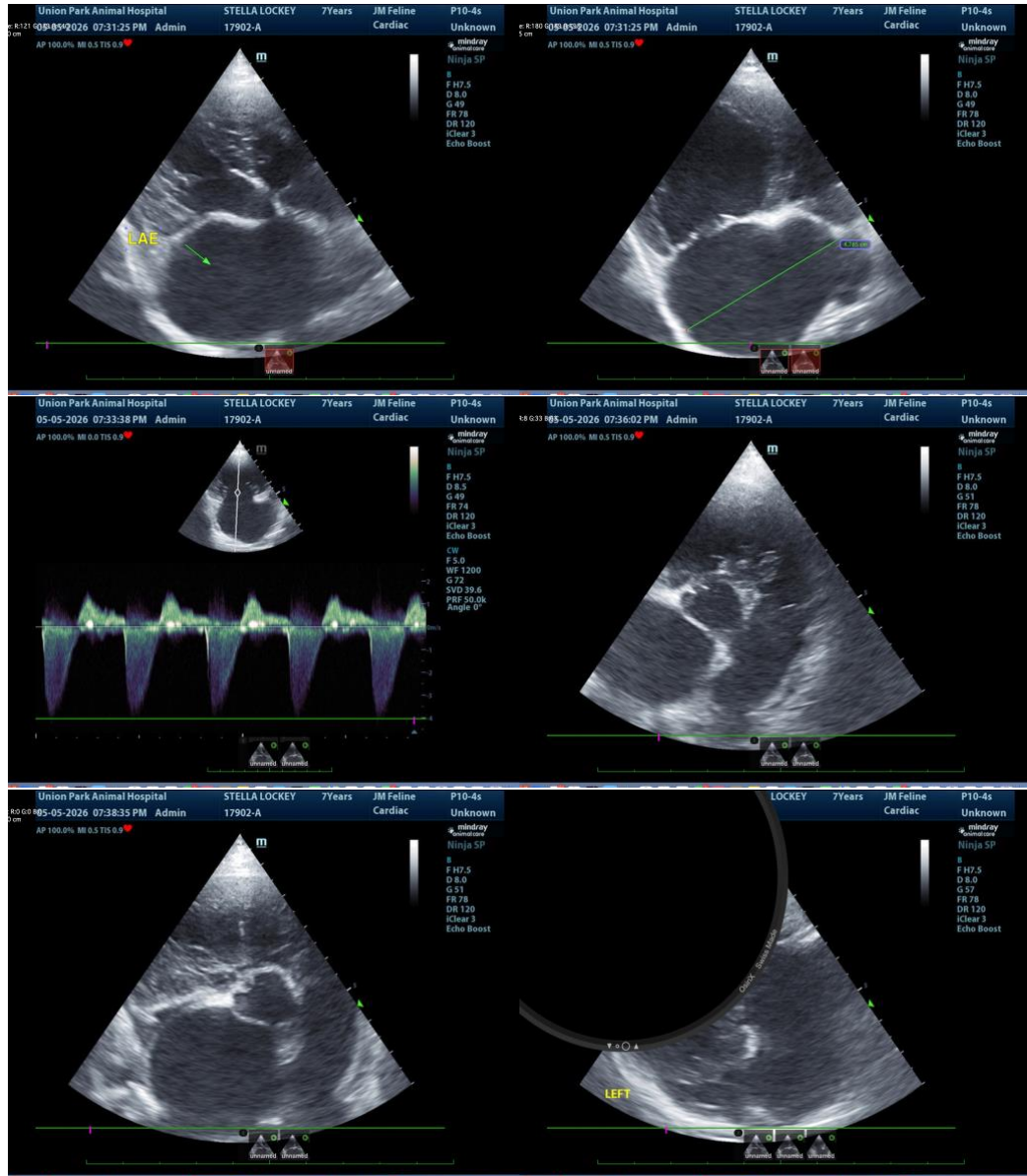
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is occurring. I do not recommend anesthesia at this time until stabilization has occurred on the recommended medications. Repeat preanesthetic echo is ideal if anesthesia is eventually necessary.





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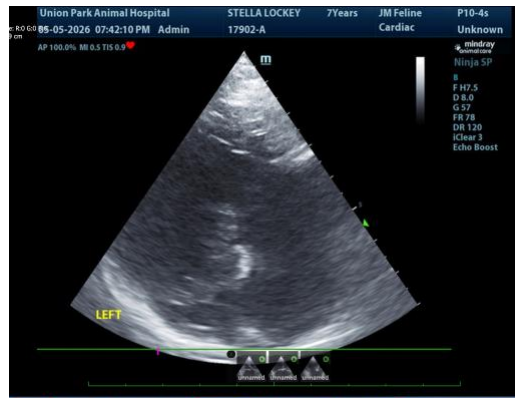
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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