


PATIENT

Kiddo Sleys

SPECIES

Canine

BREED

Pitbull Mix

SEX

Female

AGE

9 Years

WEIGHT

50 Pounds

PRESENTING CLINICAL SIGNS

History: Pre sx echo for spay. Grade III/VI R systolic murmur discovered during last PE. No current meds. Abnormal PE/Chem/CBC/UA Results: ECG pending

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	4.27	1.11	1.5	1.5	9	21	1.04
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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				
PATIENT	111	1.11	1.08	--	--	5.3	--

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. Jones

INVOICE

13872

DATE

10/19/21

Cardiac Presentation

The cardiac presentation in this patient presented moderate to severe left sided volume overload and bradyarrhythmia. Mild left atrial enlargement noted. EPSS was subnormal consistent with dilated cardiomyopathy. Mitral and tricuspid insufficiency present. No pericardial or pleural effusion present. Arrhythmogenic activity was noted during the exam.

ULTRASONOGRAPHIC FINDINGS

- Dilated cardiomyopathy with emerging left sided heart failure and bradyarrhythmia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Underlying inciting causes such as nutritional deficit/taurine deficiency/nutritional cardiomyopathy and myocarditis are potentials in this patient. EKG warranted, tripe therapy of pimobendane at 0.3 mg per kg BID, Lasix 2-3 mgs per kg BID and spironolactone at 1-2 mgs per kg BID. A rapid EKG warranted to define the arrhythmia. Recheck echo in 1 week. Guarded prognosis. This patient is at risk for sudden death.



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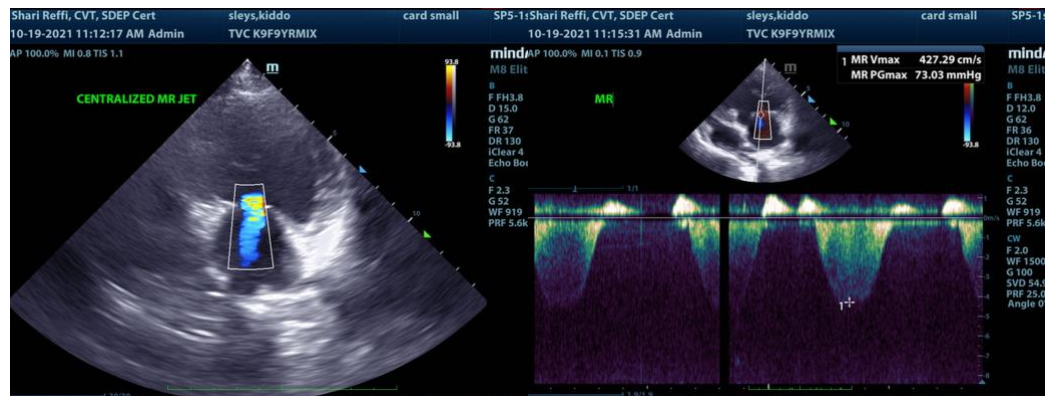
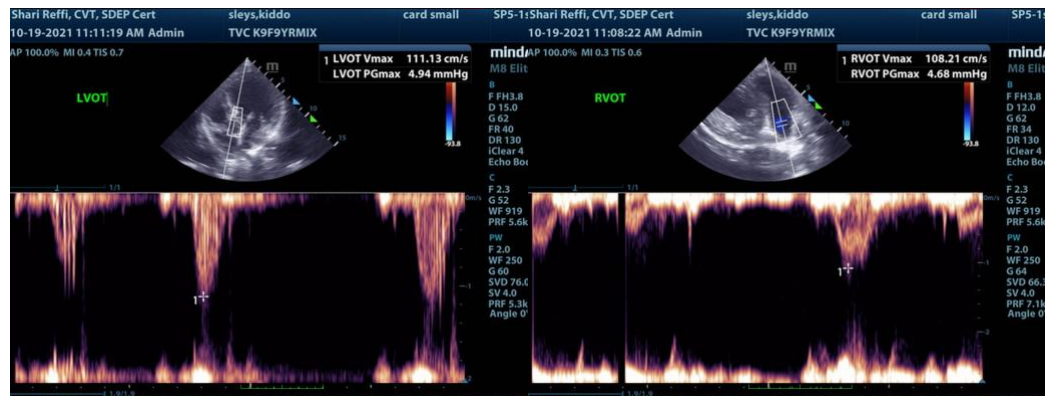
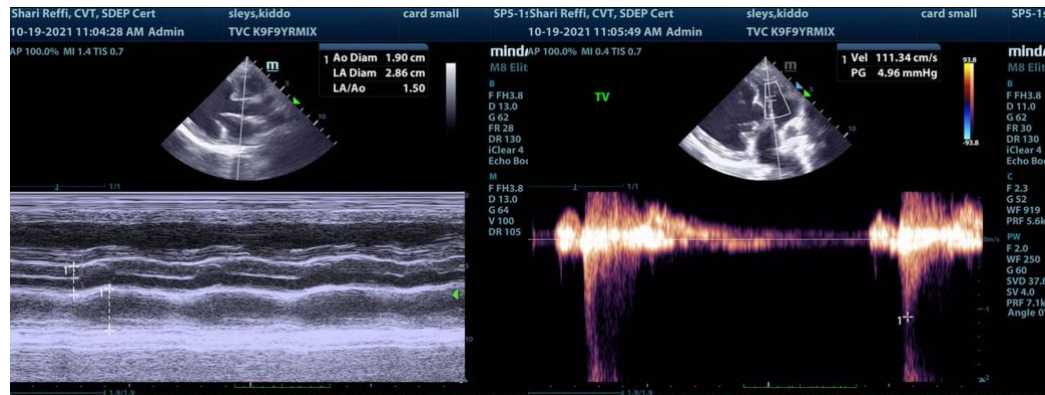
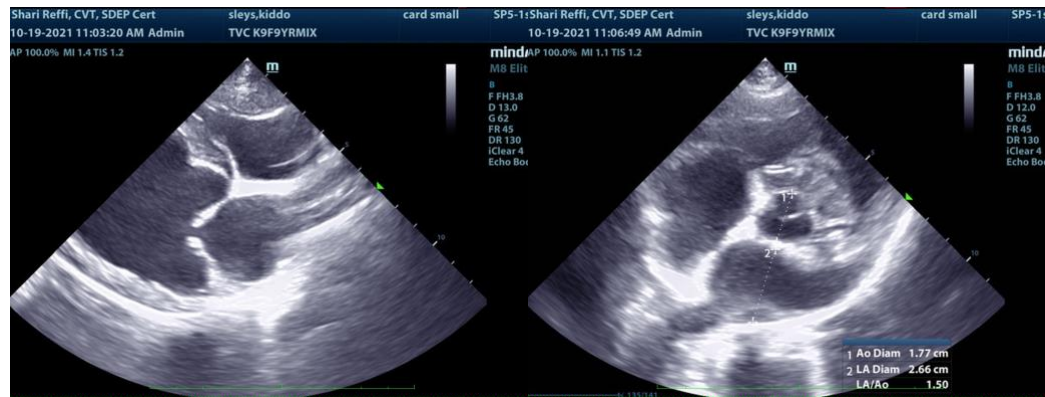
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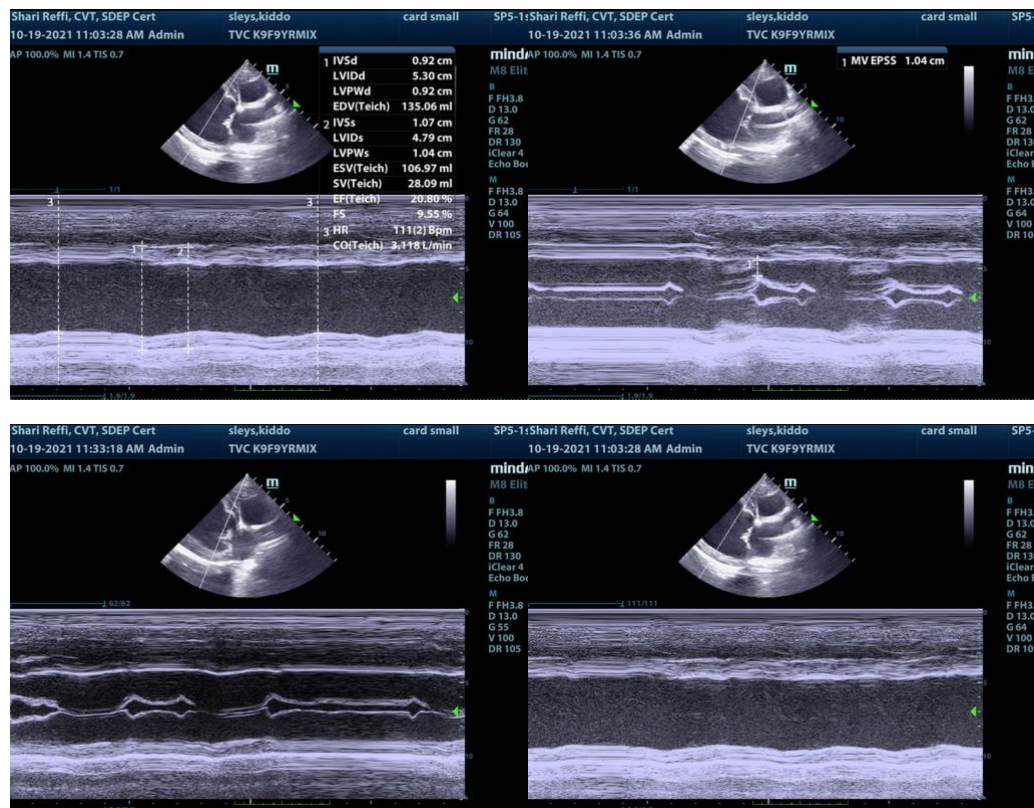
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com