



PATIENT PRESENTING CLINICAL SIGNS

Walter Fox

History: Labored breathing noted for the last 2 weeks Examined 5/6/22 - tachycardia, increased RR/RE, otherwise NSF on PE Thoracic rads taken: pleural effusion noted; decreased serosal detail in abdomen. Thoracocentesis performed - removed 110mls of clear, relatively acellular fluid. AFAST: 1/4 positive for ascites. Started on furosemide 10mg PO BID, vetmedin 1.25mg PO BID after exam 5/6/22. Abnormal PE/Chem/CBC/UA Results: Significant weight loss noted today, otherwise NSF on PE; breathing normally BW done 5/6/22: SDMA: 15 TT4: 2.5 Chem 15: UR electrolytes: wnl CBC: UR

SPECIES

Feline

BREED

Exotic Shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented significant hypocontractility with volume overload of the left atrium and left ventricle. The right atrium was also mildly dilated. A mild amount of smoke was noted in the right atrium. Mitral and tricuspid insufficiency was present. There is no pericardial or pleural effusion noted. The hepatic veins were not dilated.

SEX

Neutered male

AGE

14 years

WEIGHT

9.4 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Bailes

HOSPITAL NAME

All Creatures Great and Small Corvallis

REFERRING VET

Dr. Vaughn

INVOICE

30327

DATE

5/12/22

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	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		NM		1.7		16	37
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.9	2.0	1.6 max	1.15	0.81	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

Unclassified cardiomyopathy to DCM type presentation with left sided failure and possible emerging right sided failure. Potential for underlying myocarditis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend continuation of Lasix at 12.5 mg b.i.d. Vetmedin at 0.3 mg/kg b.i.d., ace inhibitor at 0.5 mg/kg s.i.d. and taurine supplementation is indicated. Assessment for causes of myocarditis is indicated. Plavix therapy is indicated as well. A recheck echocardiogram is recommended in a week. Guarded prognosis.



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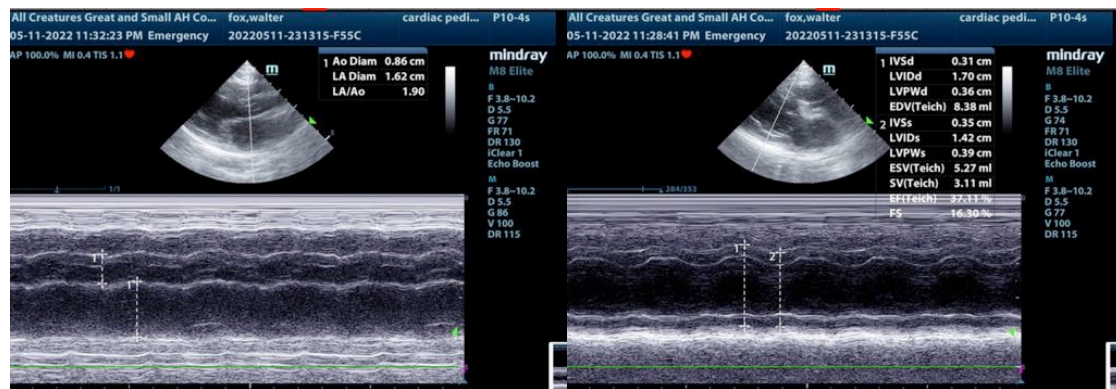
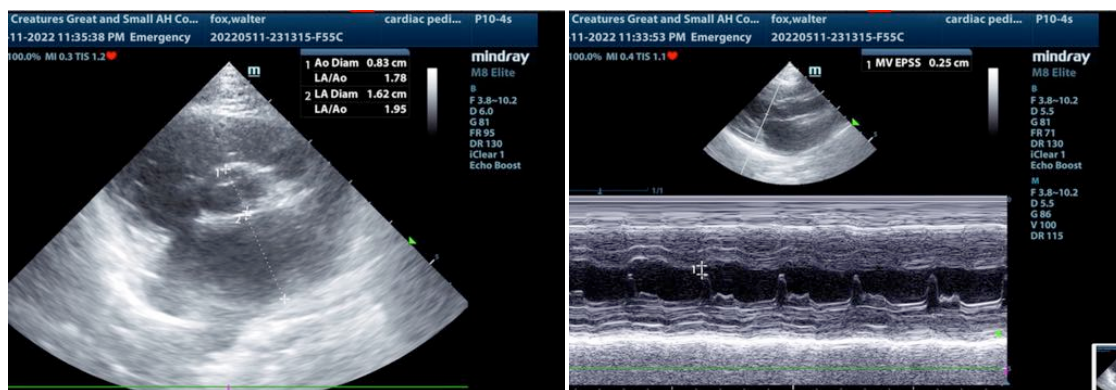
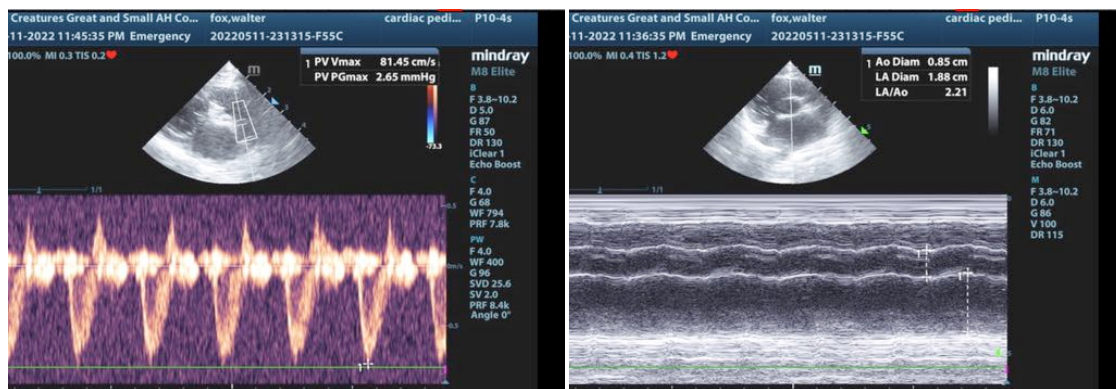
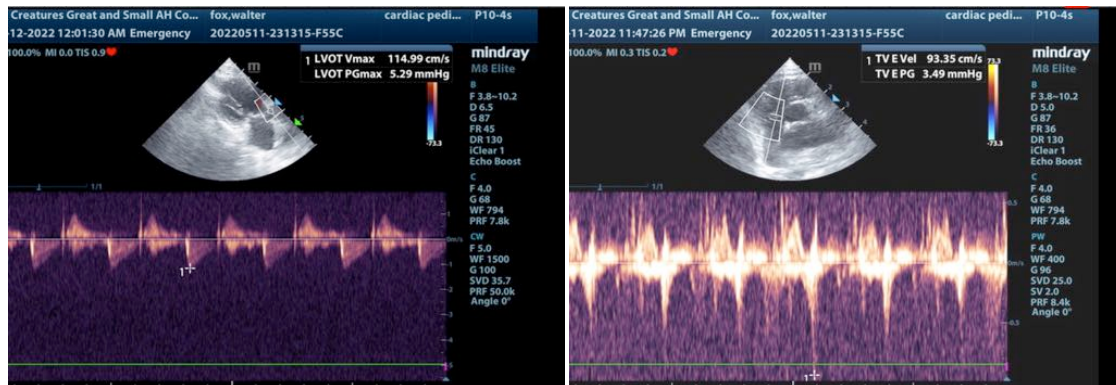
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PATIENT

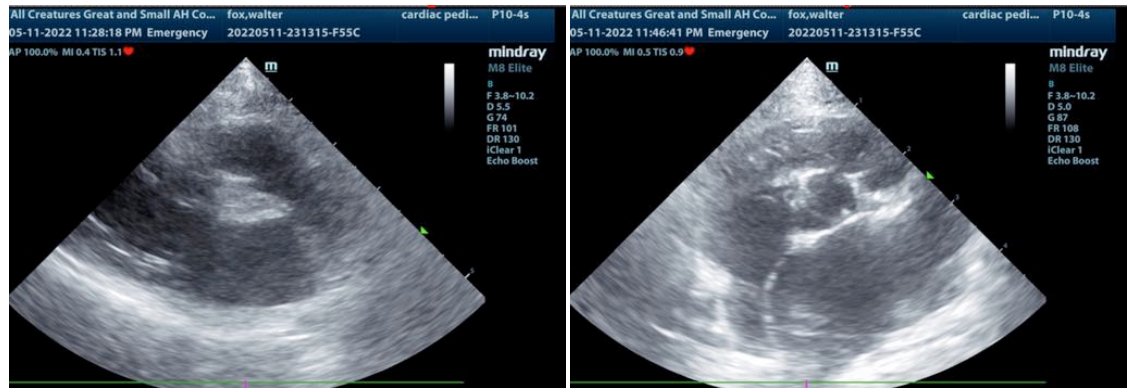
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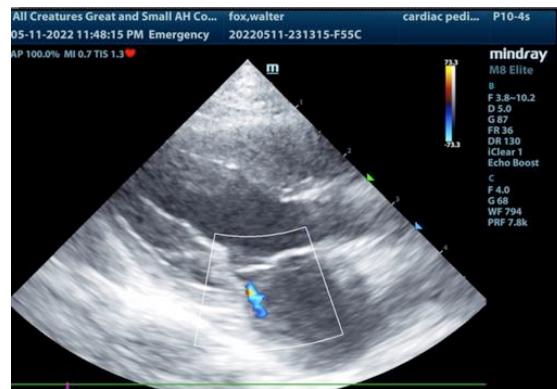
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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