

PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Nacho Nussaum

History: Pet presented with labored breathing. Previously has had Echo done and was put on diuretics and other meds to help remove excess fluid from around the heart/lungs. Since being on meds patient has not improved and breathing continues to get worse.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: Our clinic has no record of lab work as patient was primarily seen elsewhere. Client only scheduled with us because we were able to get the ultrasounds done sooner. Current Medications Furosemide, Enalapril, Clopidogrel. Radiographic Findings Radiographs were performed and records are at Salem Veterinary Emergency Clinic. Unable to obtain as the clinic was closed this morning. They do not open until 5pm.

BREED

Domestic Shorthair

SEX

Neutered male

The echocardiogram in this patient presented severe volume overload in the left atrium, left ventricle, the right atrium and right ventricle. Subjectively the left ventricle was thinned with poor contractility. Mitral insufficiency was noted and considered severe at 5.0 m/sec. Concurrent tricuspid insufficiency was noted. Hypocontractility was present. Smoke was noted as well. A large amount of pleural effusion was noted in this patient. There were areas of lung consolidation present. Hepatic vein dilation was noted owing to right sided failure.

AGE

1 year

WEIGHT

12.25 lbs

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	12.25	NM					
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	>2.0	2.73	>2.5	1.1	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							

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

The Pet Clinic

REFERRING VET

Dr. Genova

ULTRASONOGRAPHIC FINDINGS

No obvious large congenital defects were noted; however, myocardial insufficiency is present.

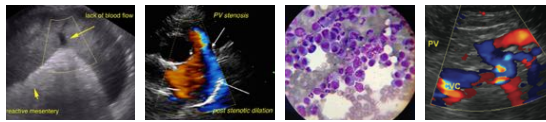
DATE

8/10/22

DCM, myocarditis or nutritional cardiomyopathy are all possible.

Invoice

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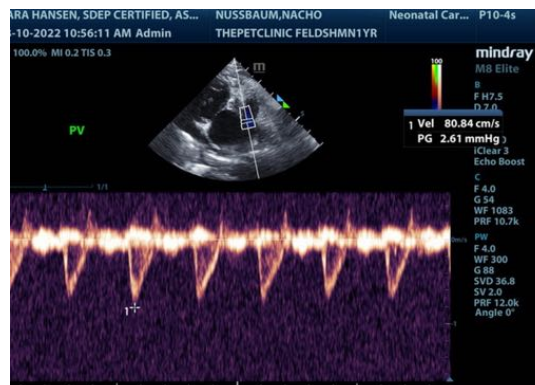
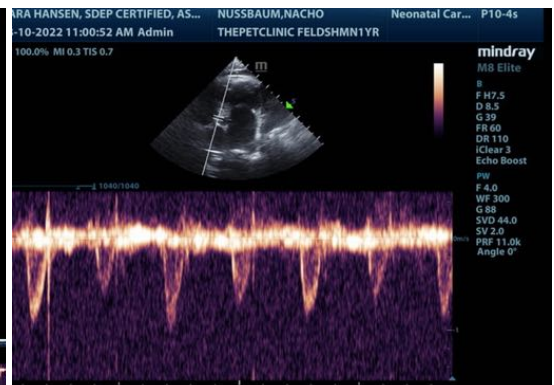
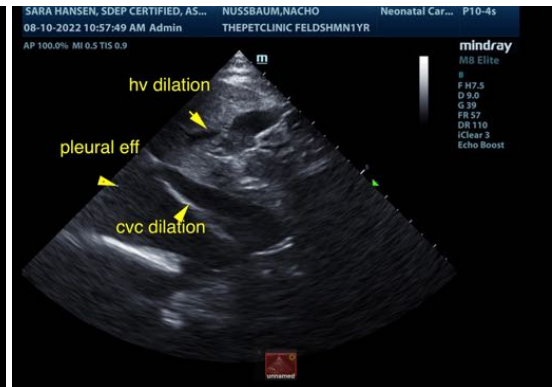
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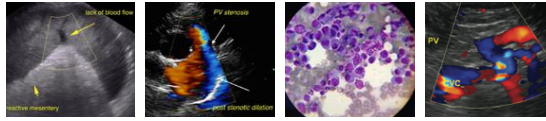
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Infectious agent should be considered. Triple therapy is warranted as well as taurine supplementation. Continuation of the Furosemide, Enalapril and Plavix therapy is indicated, yet adding Pimobendan is recommended at 0.3 mg/kg b.i.d. The prognosis is extremely guarded. Taurine levels are also indicated.





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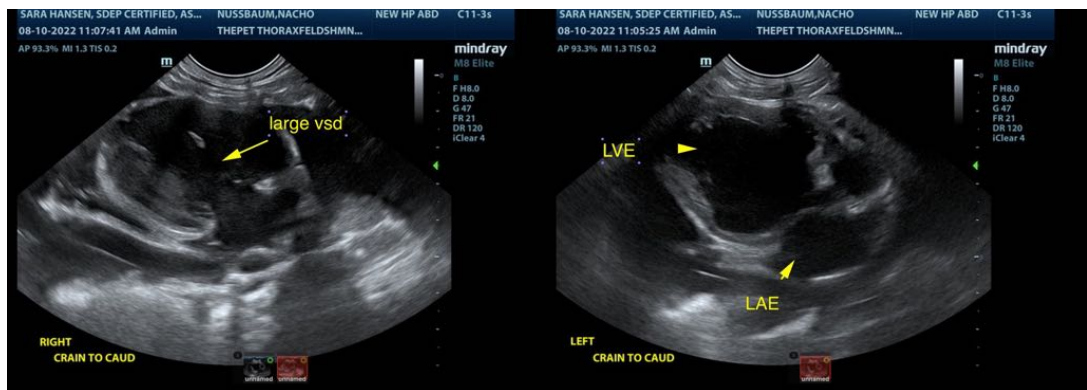
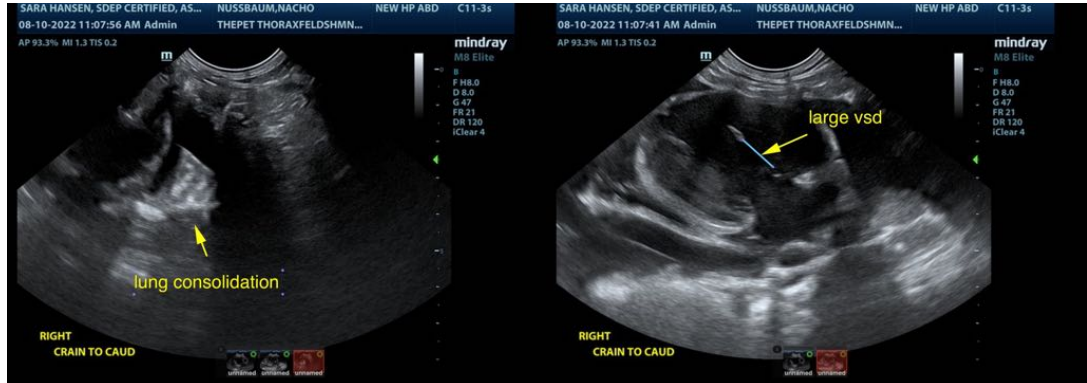
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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