



PATIENT PRESENTING CLINICAL SIGNS

Yoda Arico History: - Crackles/wheezes on thoracic auscultation (chronic, >1 yr hx of consolidated R middle lung lobe) - 3/6 Sternal systolic heart murmur - History of self trauma to digits when not on Prednisolone - Hind limb weakness/lameness, improving since started on pain meds (Gabapentin, Buprenex) -

SPECIES Lumbosacral chronic intervertebral disc degeneration with spondylosis deformans

Feline Abnormal PE/Chem/CBC/UA Results: Bloodwork performed 12/28/21: - Chem wnl - CBC: Neutrophils 15,006 (HIGH, 2,500-8,500), mild monocytosis - T4 wnl - UA wnl - FIV/FelV negative Heart Rate and Respiratory Rates HR 150, RR 36

BREED

Domestic Shorthair

SEX

Neutered male

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented volume overload in the left and right heart with mitral and tricuspid insufficiency and mild pericardial effusion. Myocardial remodeling was noted with mild excessive septal and free wall thicknesses. The contractility was adequate. Trace pericardial effusion was noted. No pleural effusion was noted.

AGE

12 years

WEIGHT

13.6 lbs

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sara Hansen

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			2.0	2.0	59	91	NM
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				
PATIENT		1.2	1.2	13.6 lbs	2.0 max	1.43	

HOSPITAL NAME

Eastgate VC

REFERRING VET

Dr. Herdener

DATE

3/1/22

Invoice
96520

ULTRASONOGRAPHIC FINDINGS

Volume overload of the left ventricle.

Left and right atrial enlargement.

Adequate contractility.

Excessive septal free wall thicknesses were noted.

Early left-sided heart failure with impending right-sided failure.



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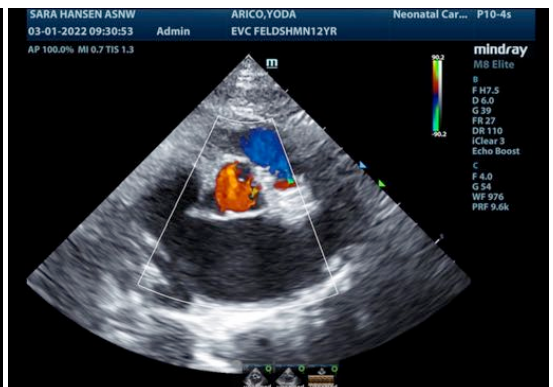
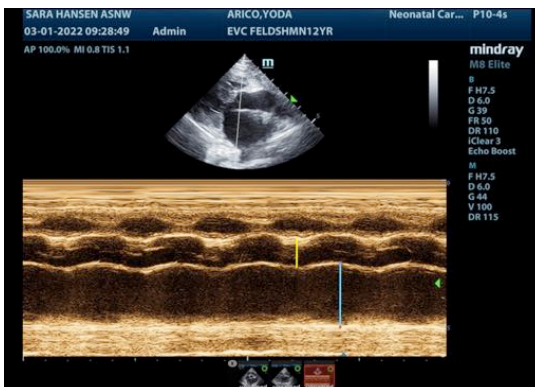
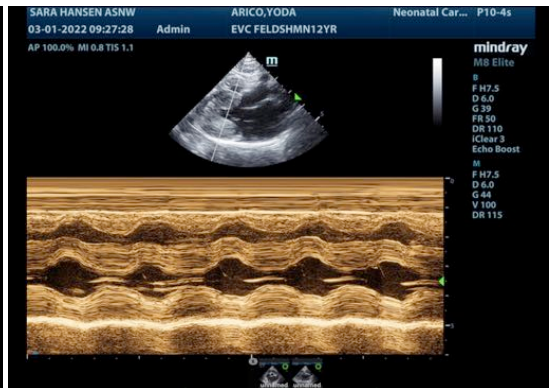
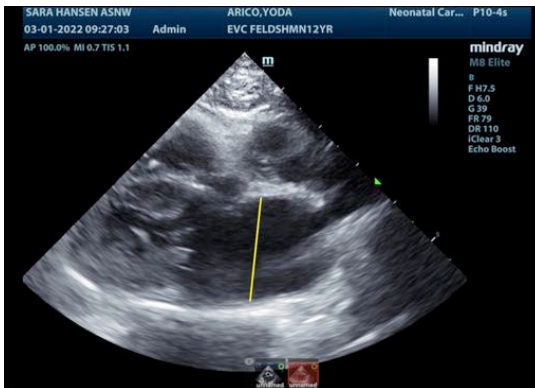
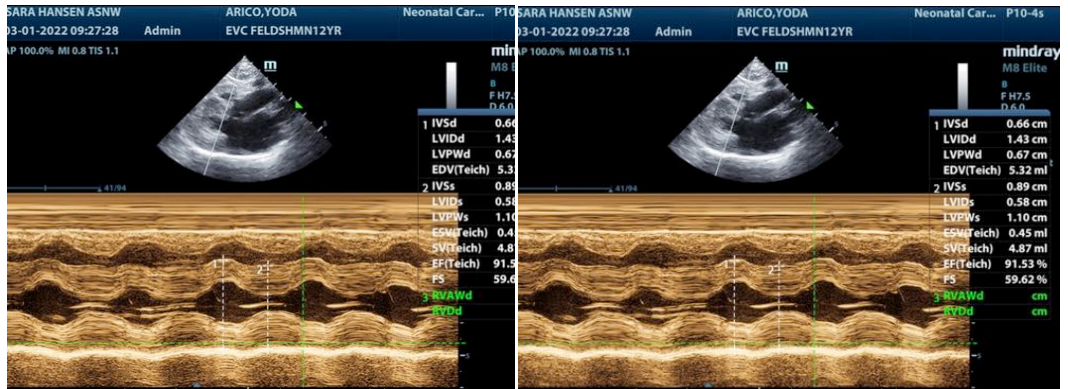
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend Lasix at 6.25 mg b.i.d., ace inhibitor at 0.5 mg/kg b.i.d. A recheck sonogram is recommended in 3-4 weeks. Target respiratory rate is less than 30/minute. Plavix therapy is also indicated. Eventual Pimobendan may be necessary in this patient depending on response to initial therapy. BUN, creatinine, blood pressure measurements and chest radiographs should all be monitored 5-7 days after initiating treatment.





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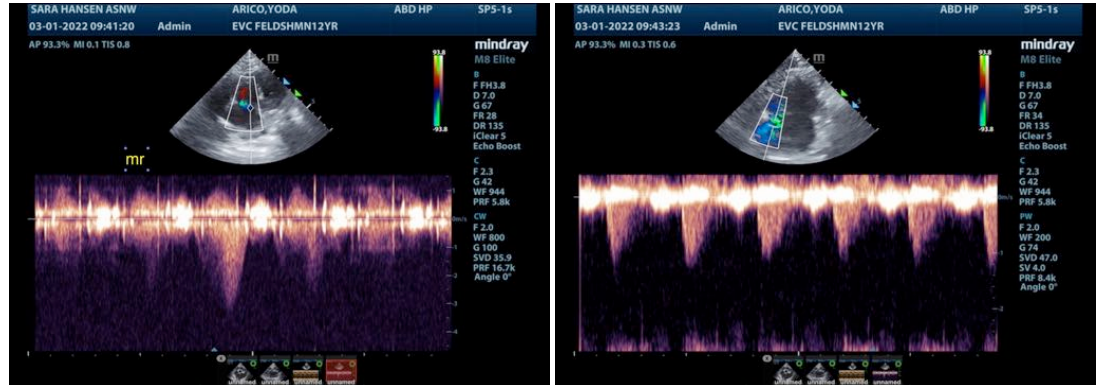
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Eric.Lindquist@SonoPath.com