



PATIENT

Salem Seaverns

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6 Years 6 Months

WEIGHT

15.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Chloe Lowe CVT

HOSPITAL NAME

Harmony Animal
Hospital

REFERRING VET

Dr. Keefe

INVOICE

15968

DATE

05/08/26

PRESENTING CLINICAL SIGNS

Dyspnea. No murmur. Cardiomegaly on radiograph.

Abnormal PE/Chem/CBC/UA Results: Pro BNP abnormal, PLT 130

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	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	15.6	NM	--	--	--	--	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber	LVOT VEL (m/s)	RVOT VEL (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	1.6	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	3.3	3.6	2.7	--	0.7	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							

EPSS: 0.4

Cardiac Presentation

The echocardiogram in this patient revealed mitral and tricuspid insufficiency with severe volume overload of the left and right heart. Thinning of the left ventricular septum was noted. Contractility was poor with persistent arrhythmia. No pericardial effusion was present, however, left sided heart failure is evident with emerging right-sided heart failure. Some was also noted in both atria, considered precursor to clot formation. The hepatic veins and the vena cava were dilated. Pleural effusion was noted.

ULTRASONOGRAPHIC FINDINGS

- DCM type presentation with bilateral heart failure and smoke.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Patient is at high risk for sudden death. Underlying myocarditis could be an issue. Infectious disease panel is warranted. Cage rest, oxygen therapy, Lasix at 12.5 mg BID, Pimobendan at 0.3 mg/kg BID, ACE inhibitor at 0.5 mg/kg, SID. Plavix therapy is also indicated. Recheck echocardiogram in two weeks if the patient is stabilizing, earlier if declining. Prognosis is extremely guarded. Taurine levels and dietary history are also indicated.



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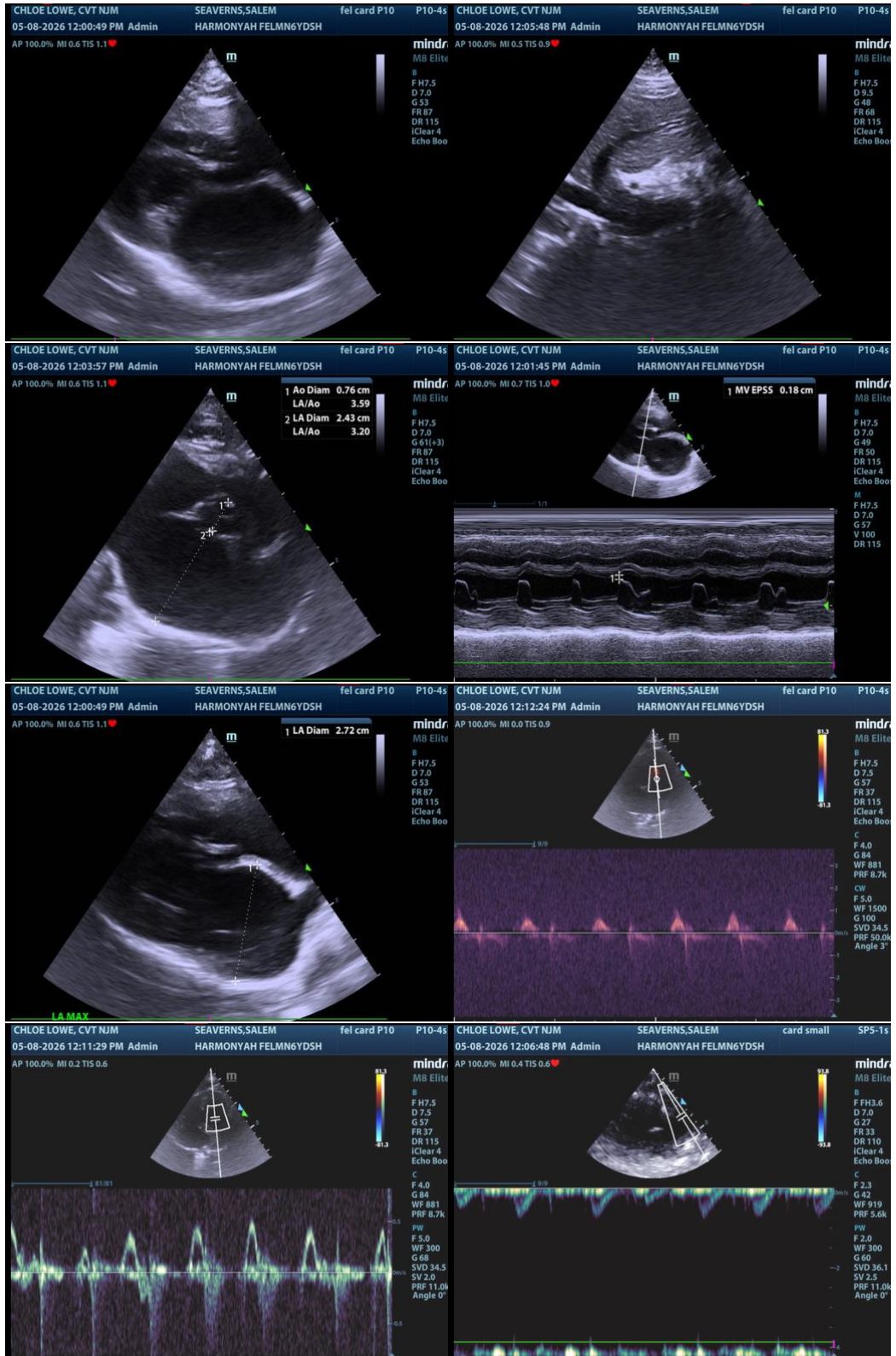
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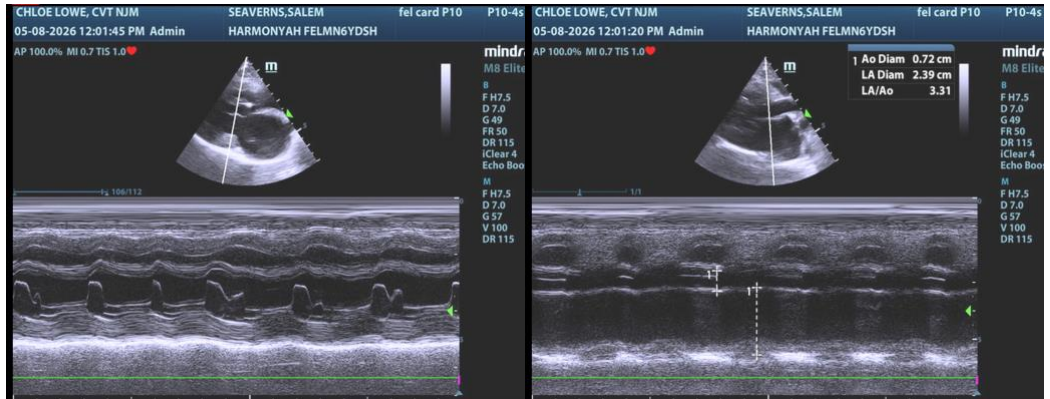
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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