



PATIENT

Monty Holmes

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

17 years

WEIGHT

10.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Ease Plane AH

REFERRING VET

Dr. Rosen

INVOICE

91514

DATE

8/26/21

PRESENTING CLINICAL SIGNS

History: Recheck echo from 8/18/21 at Long Valley AH.
Abnormal PE/Chem/CBC/UA Results: Lasix 6.25mg bid, Benazepril 2.5mg sid, Vetmedin 1.25mg bid, Plavix, Orbax 1ml sid, Thyroid meds.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented persistent volume overload and arrhythmia with depressed contractility. Slight pericardial effusion was noted. Smoke was noted in the left atrium. Volume overload was noted in the left atrium and left ventricle. The right atrial and right ventricular volumes appeared normal. Minor pleural effusion was also noted. Hepatic vein dilation was present with ascites.

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		183	0.45	1.81	0.52	14	31
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		1.93	2.0 max				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

Left and right –sided heart failure.
Further depressed contractility and arrhythmia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The presentation appears more consistent with dilated cardiomyopathy at this point. However, end stage, unclassified cardiomyopathy is also possible. Regardless, I recommend increasing Vetmedin to t.i.d. dosing at 0.3 mg/kg, Lasix increased to 12.5 mg b.i.d. and continuation of the ace inhibitor and Plavix therapy. EKG is warranted. Taurine supplementation can be considered as well; however, the long term prognosis is poor. A recheck echocardiogram is recommended in 3-4 weeks if the patient is able to survive the current crisis. Target respiratory rate is less than 20/minute.



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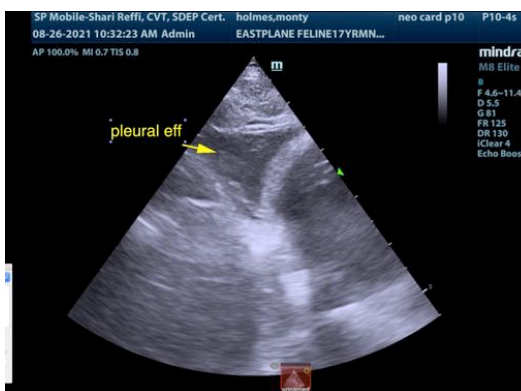
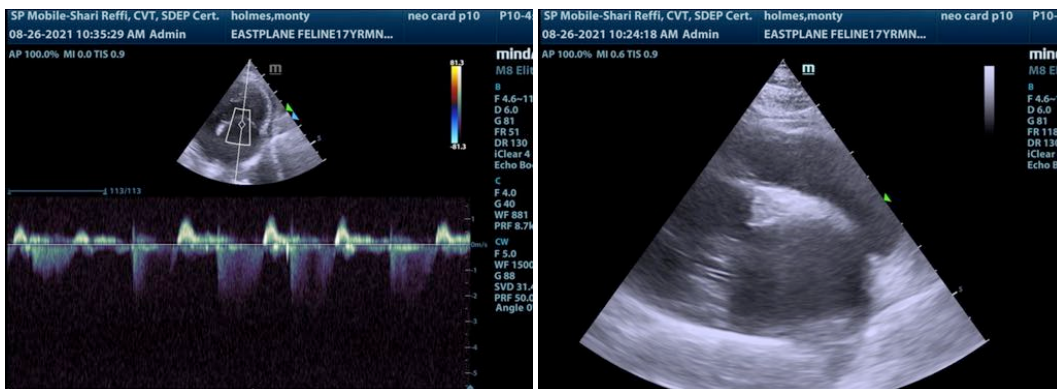
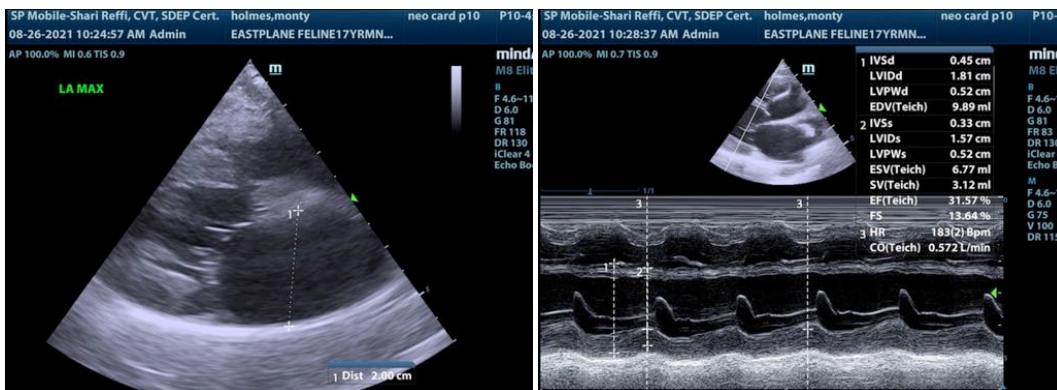
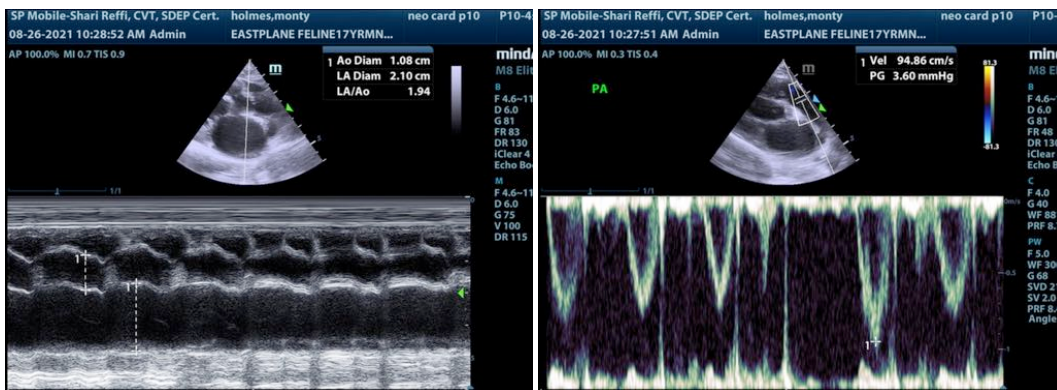
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veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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Info@SonoPath.com

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