

PATIENT

Carl Lamelza

PRESENTING CLINICAL SIGNS

Patient's been on Lasix and Gabapentin.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

N/a

SEX

Spayed Female

AGE

13 years 11 months

WEIGHT

10.28

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		79	0.42	1.89	0.65	58%	90%
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	2.1	2.2	2.35				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(CFM), Cert.
IVUSS

Cardiac Presentation

The cardiac presentation in this patient presented essentially normal to slightly hypertrophied left ventricle. Normal septal thickness and mildly hypertrophied left ventricular free wall. Internal diameter was excessive, at 1.9 cm. Contractility was adequate at 58%. However, bradycardia was present. This may be partially induced by the Gabapentin, however EKG indicated to assess for heart block. Mitral and Tricuspid insufficiency noted with severe left atrial enlargement. Thrombus noted, measuring approximately 1.0 cm at the left atrial base. Slight pericardial effusion noted owing to left sided failure. Pulmonary outflow velocity was unremarkable. Right ventricle and right atrium were unremarkable.

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Mitral insufficiency > 4.0 m/sec. Tricuspid insufficiency 1.5 m/sec

HOSPITAL NAME

Cats Meow Veterinary Hospital

ULTRASONOGRAPHIC FINDINGS

- Left sided heart failure.
- End stage HCM or unclassified cardiomyopathy with bradycardia.
- Thrombus.

REFERRING VET

Dr. Kate Gibson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

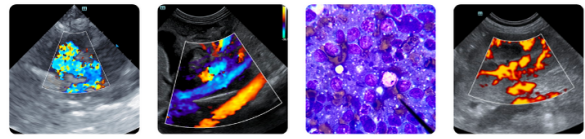
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Recommend initiation Pimobendan 0.3 mgs/kg BID continuing with Lasix therapy at 12.5 mgs BID. Monitoring BUN, creatinine, blood pressure, and body heat. Ace inhibitor also indicated 0.5 mg/kg SID, and Plavix therapy. Re-check echo in 1 month. Prognosis is guarded. This patient is at risk for sudden death.

DATE

1/7/2026



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HOSPITAL NAME

Cats Meow Veterinary
 Hospital

REFERRING VET

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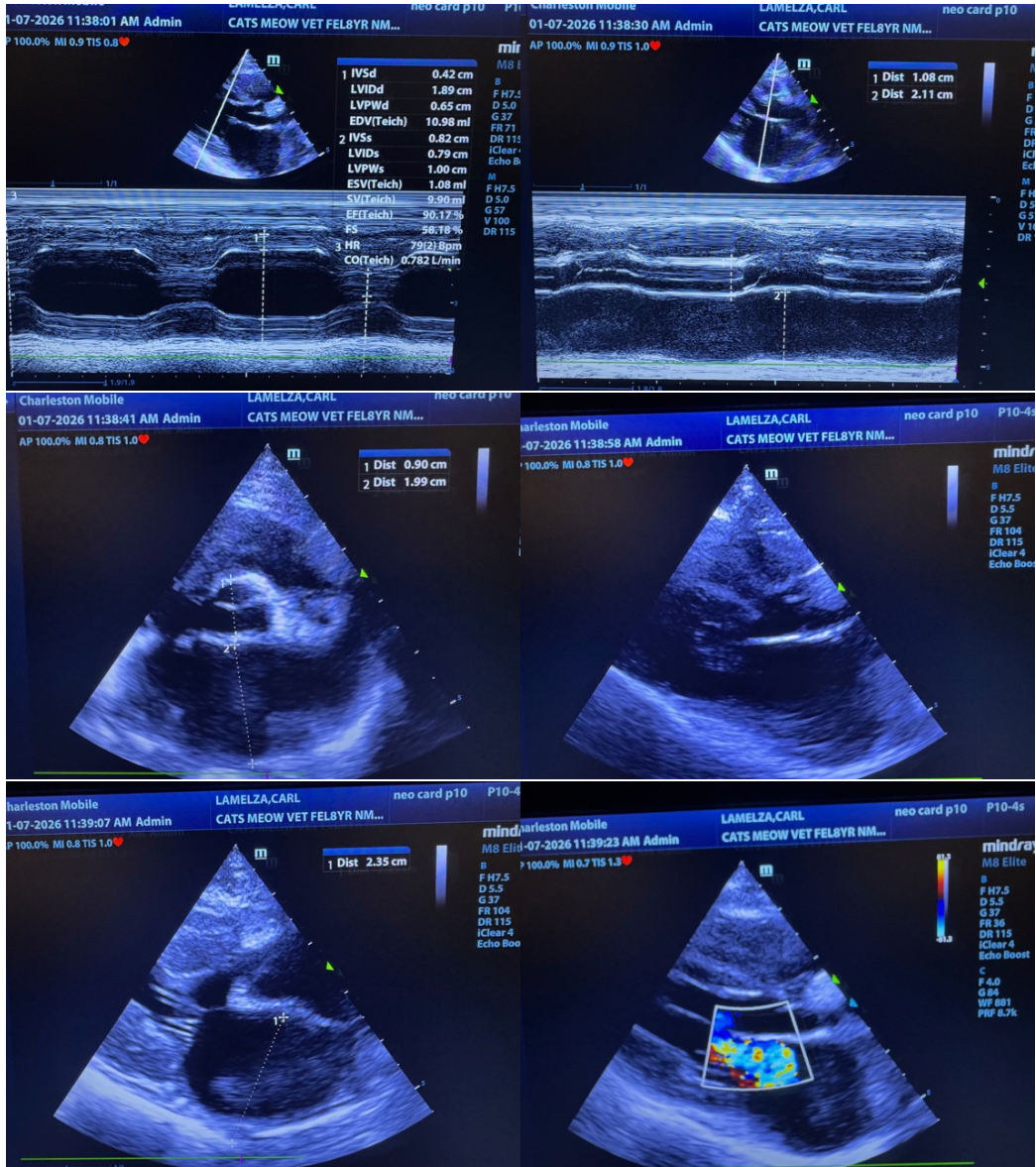
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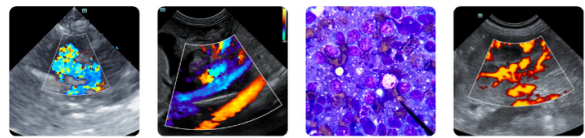
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Radiographs: Shower curtain lung pattern in the peripheral lung fields noted, consistent with pulmonary edema.





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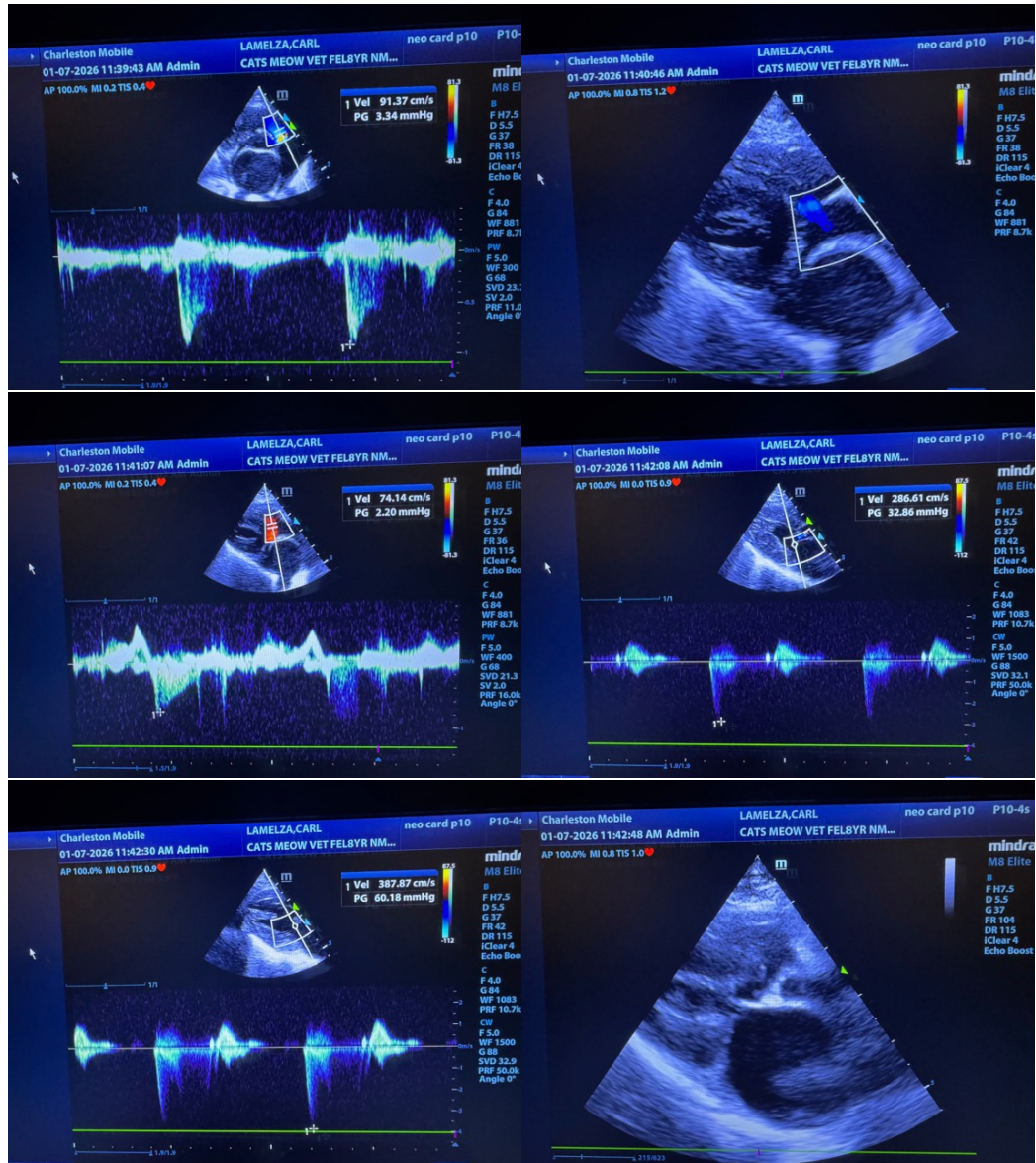
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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