



PATIENT PRESENTING CLINICAL SIGNS

Willow Newell
 History: Anorexia + ADR
 Radiographs- Pleural effusion, cardiomegaly??
 Chem/CBC: All WNL
 Feline
 Urine Spec Gravity: 1.060

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

	FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
DSH								
SEX								
Spayed Female	NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
AGE			150	0.4	2.9	0.4	9.4	22
4 Years	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/)
WEIGHT								
14.4 Pounds	NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7		<1.6	<1.3	40-60
	PATIENT	2.0	2.1	1.84		--	.32	NM
INTERPRETED BY	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							

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

Cardiac Presentation

Mitral and tricuspid insufficiency noted. No pericardial effusion noted, yet a large amount of pleural effusion noted with areas of lung consolidation. The cardiac presentation presented severe volume overload in all four chambers with hypocontractility. Septal and free wall thicknesses were normal.

IMAGING PERFORMED BY

Eric Lindquist, DMV
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ULTRASONOGRAPHIC FINDINGS

- Dilated cardiomyopathy, possible underlying myocarditis or nutritional cardiomyopathy
- Left and right sided congestive heart failure

HOSPITAL NAME

Blairstown AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Leal

I recommend cage rest and triple therapy with Pimobendan (off label) at 0.3 mg per kg BID, Lasix at 2-3 mg per kg BID and Ace-inhibitor at 0.5 mg per kg SID progressing to eventually BID (if tolerated by the patient). Blood pressures, body temperature and renal values should all be monitored carefully in this patient as well as basil respiratory rate (target basil respiratory rate is <20 per minute). Owing to the precarious nature of the patient the LVOT, MR and tricuspid insufficiency velocities were not assessed and can be reassessed when the patient is stabilized. Underlying infectious agents should be considered as a potential cause of the myocarditis. Plavix therapy is also indicated. Recheck echo in 10-14 days or earlier if patient is not stabilizing. The patient is at risk for sudden death.

INVOICE

12555

DATE

8/17/21



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SPECIES

Feline

BREED

DSH

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Spayed Female

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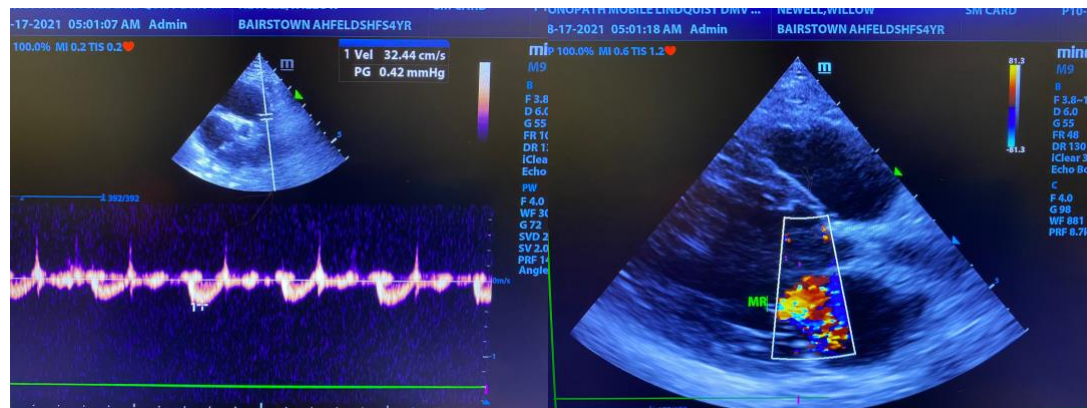
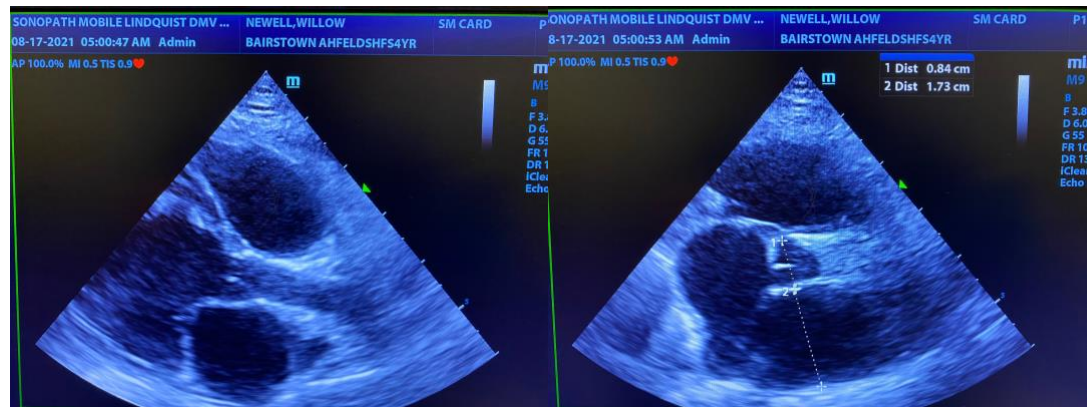
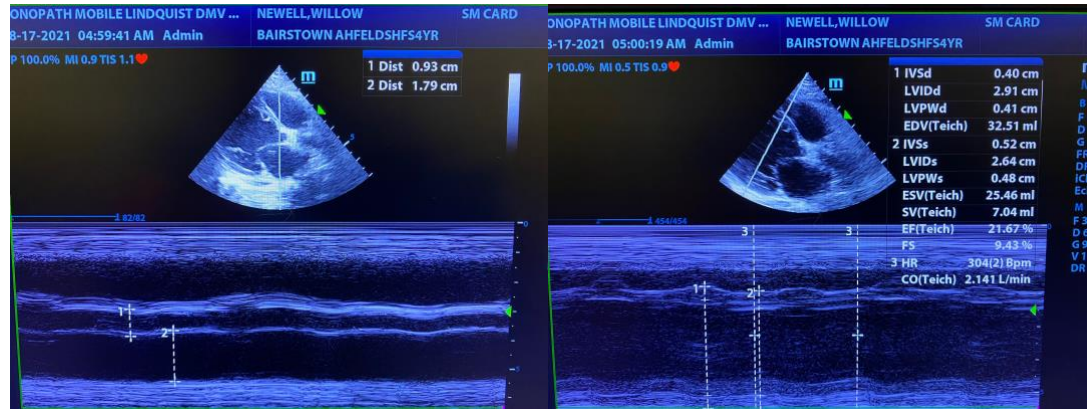
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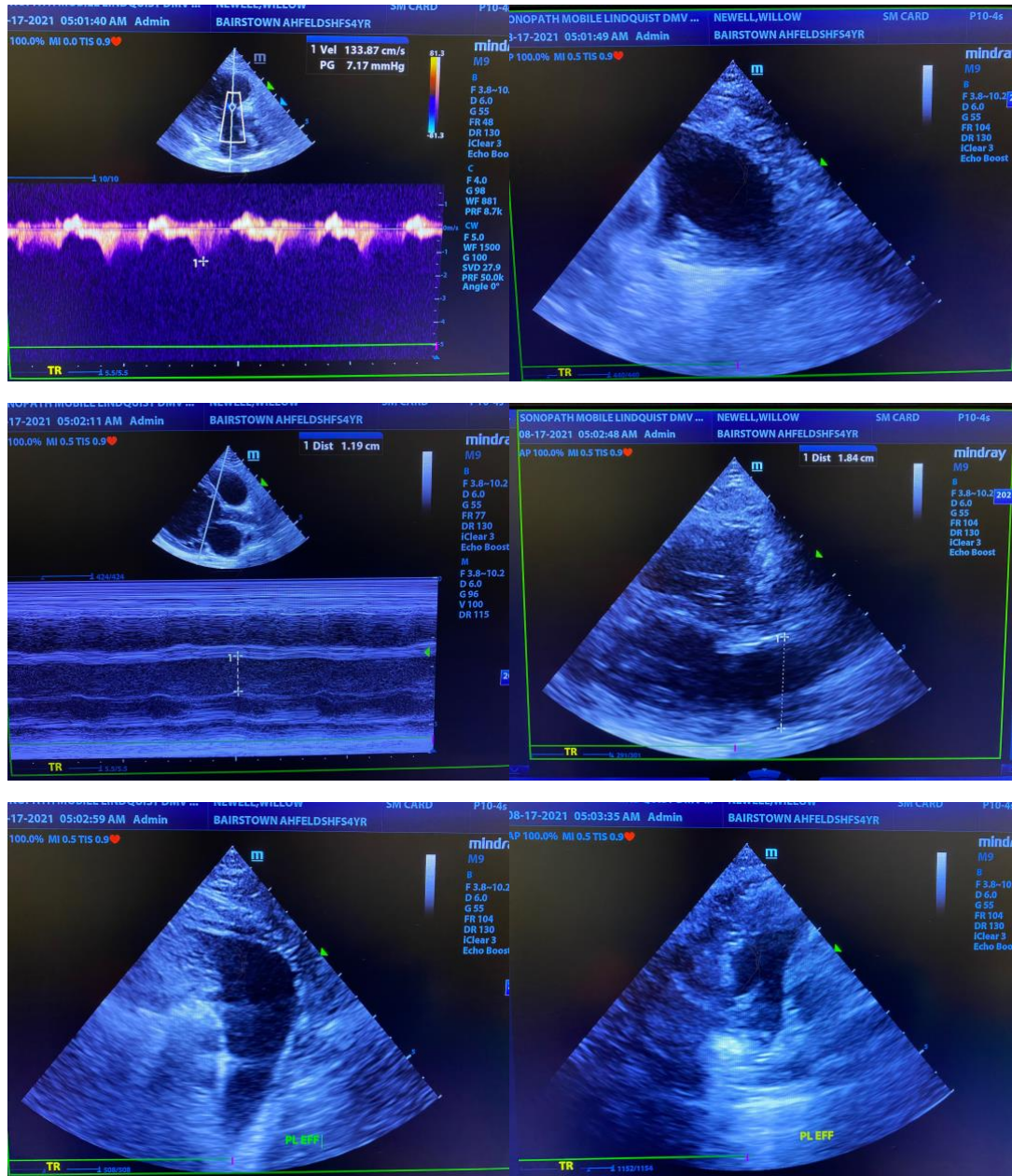
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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