


**PATIENT**

Nate Sullivan

**PRESENTING CLINICAL SIGNS**

recheck echo from 11/19/21, initially treated for CHF based on rad consult. On furosemide 12.5mg, 1/2 tablet every other day

Abnormal PE/Chem/CBC/UA Results: 12/15/21: neutrophils 9709, chem nsf

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**
**BREED**

DSH

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

10.7 Pounds

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
<b>PATIENT</b>	4.4	NM	0.6	1.1	0.71	50	90
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/)
<b>NORMAL PARAMETER</b>	<1.5	0.88-1.79	0.7-1.7		<1.6	<1.3	40-60
<b>PATIENT</b>	1.83	1.8			1.25	0.9	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, Cert. IVUSS

**Cardiac Presentation**

The cardiac presentation revealed concentric left ventricular hypertrophy with mitral insufficiency. Sectorial hypertrophy of the left ventricle noted. Measurements will vary depending upon position. Left atrial size appears to be upper limits of normal without evidence of thrombosis. No pericardial or pleural effusion noted. The right heart was unremarkable with only mild right ventricular hypertrophy. Right atrial size was normal. This is most consistent with compensated hypertrophic cardiomyopathy.

**IMAGING PERFORMED BY**

Diane McFadden

**ULTRASONOGRAPHIC FINDINGS**

- Compensated hypertrophy cardiomyopathy

**HOSPITAL NAME**

Sova Animal Hospital

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

If the clinically sound, I recommend continuation of the current protocol. If respiratory rate is >20/min, then recommend potentially increasing Lasix dose. Plavix therapy could be considered as well. Recheck echo in 3-6 months, earlier if murmur grade increases or clinical signs initiate. Blood pressures and thyroid assessment warranted periodically.

**REFERRING VET**

Dr. Ammeraal

**INVOICE**

34073

**DATE**

1/7/22



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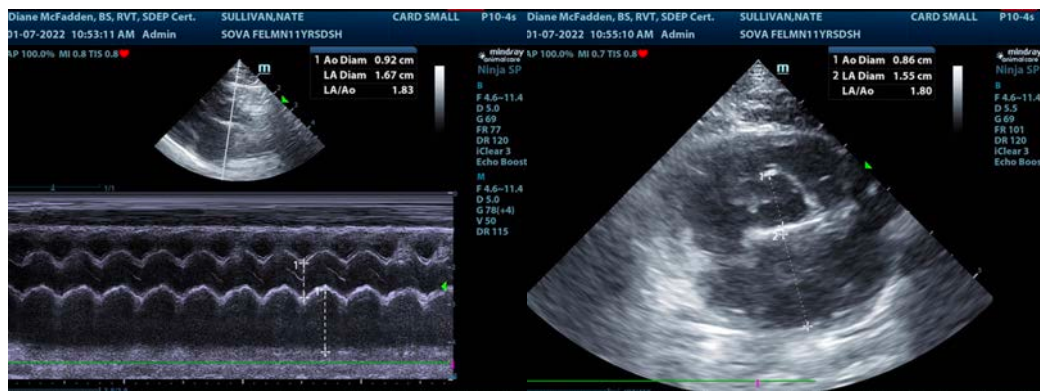
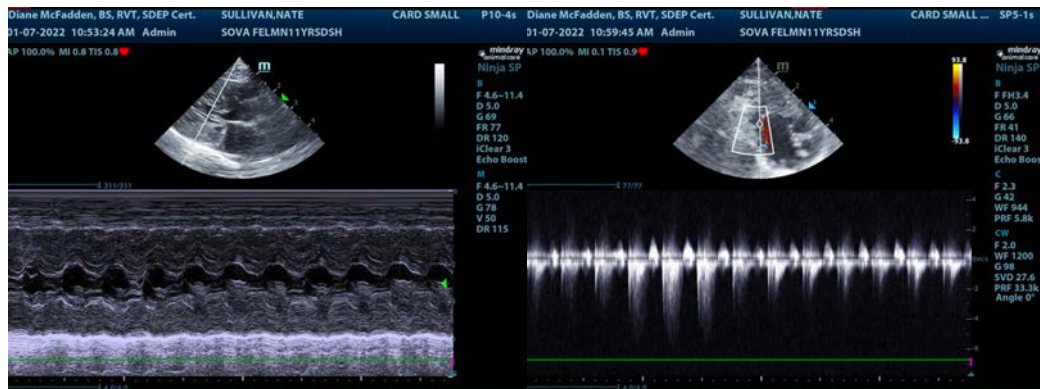
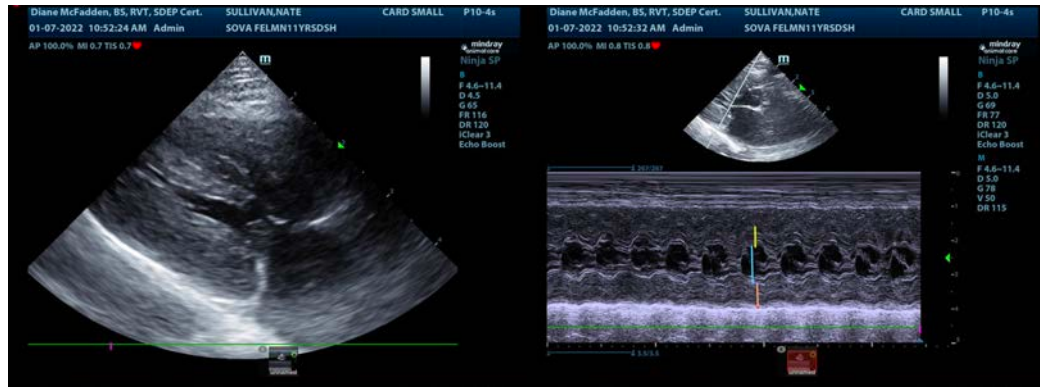
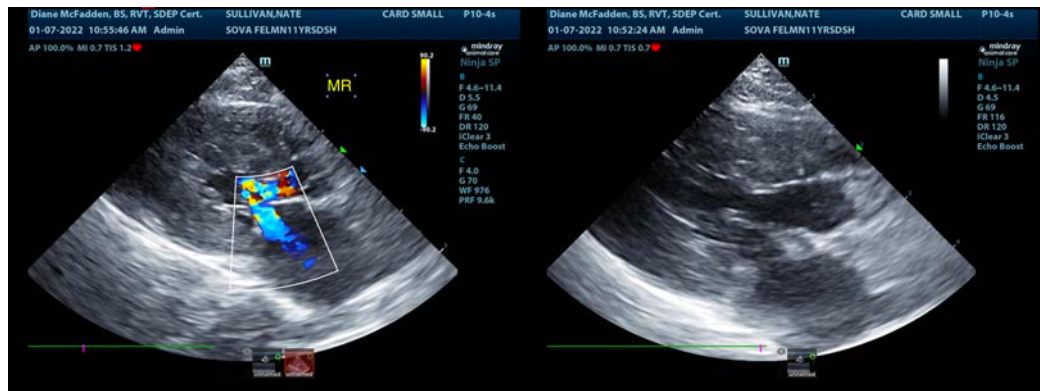
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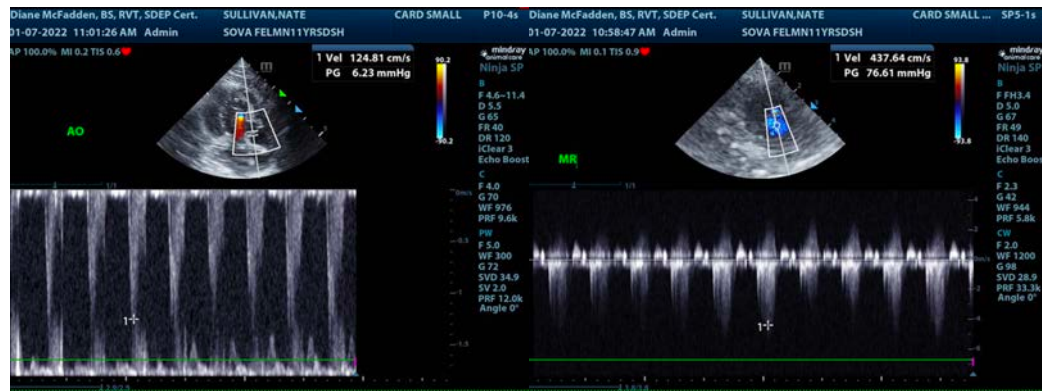
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)