


PATIENT

Lily Newman

PRESENTING CLINICAL SIGNS

History: Recheck. Grade V/VI heart murmur with pre-cordial thrill and sinus arrhythmia. Hx stage B1 MVD. Current meds: Cytopoint inj., Apoquel
 Abnormal PE/Chem/CBC/UA Results: 2/9/2023 EOS 0, ALKP 563

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
BREED

Maltese Mix

The echocardiogram in this patient demonstrated relatively normal volumes in all four chambers. Mitral valve insufficiency is persistently present. Mitral insufficiency revealed complete filling of the left atrium on color flow assessment. The contractility appeared adequate. Trivial tricuspid insufficiency was noted, yet not clinically significant. Pulmonary and aortic outflows were unremarkable. The pericardial and pleural spaces were unremarkable with no evidence of masses.

SEX

Spayed female

AGE

12 years

WEIGHT

7.1 lbs

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

 Animal Care Center of
 Flanders

REFERRING VET

Dr. Casulli

INVOICE

42899

DATE

2/21/23

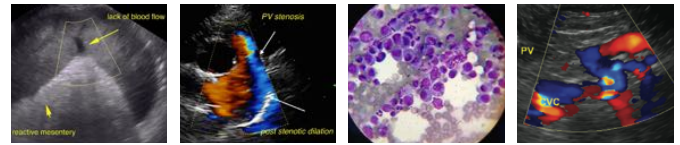
CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base;)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	5.4	1.6	1.4	1.6	33	63	0.24
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m- mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	105	1.1	1.0	7.1 lbs	2.5	2.64	

ULTRASONOGRAPHIC FINDINGS

Persistent, stable, stage B1 valvular disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No therapy is recommended. Blood pressure measurements are warranted if not already performed.



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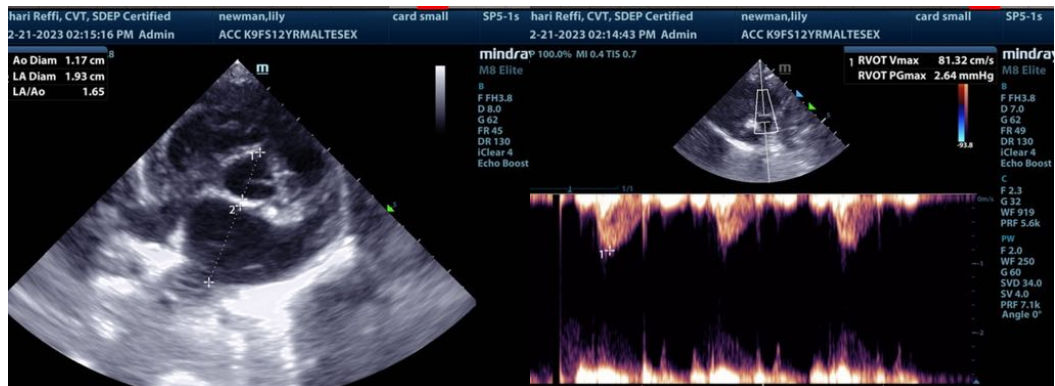
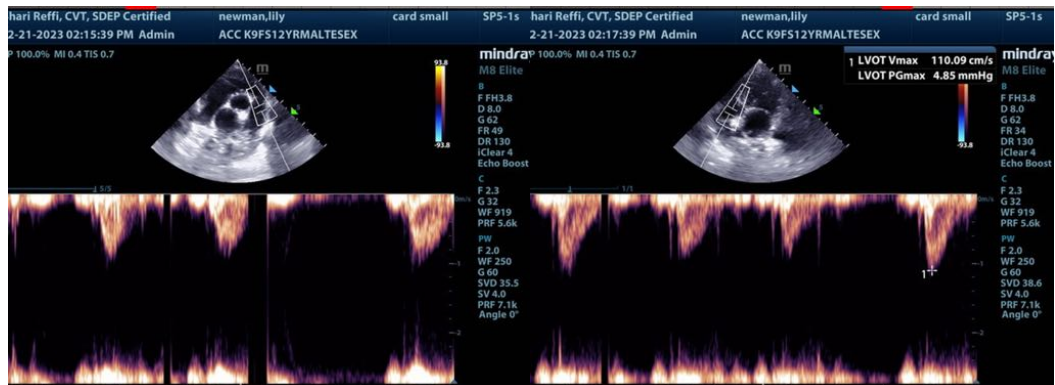
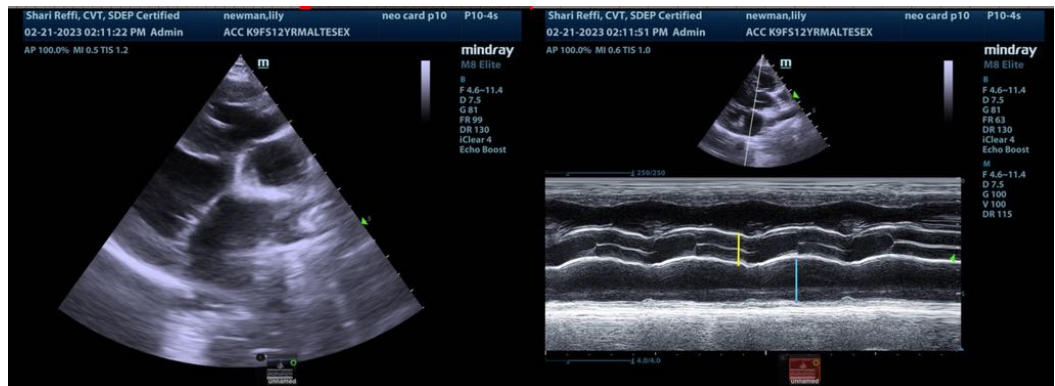
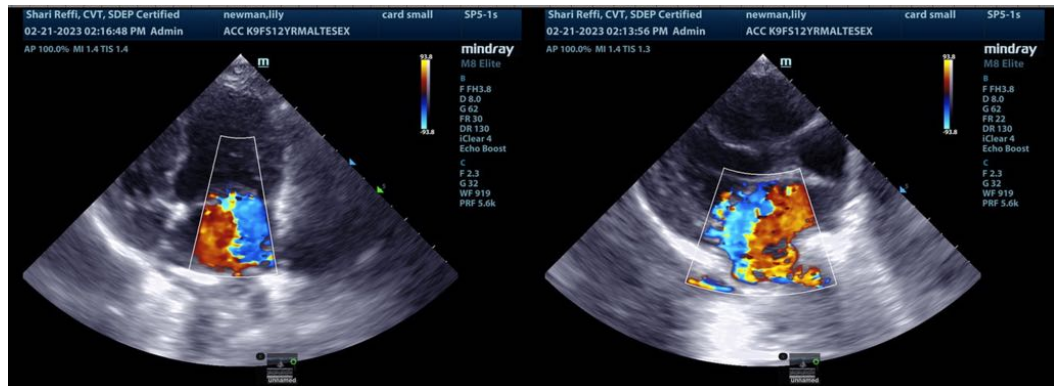
Dr. Casulli

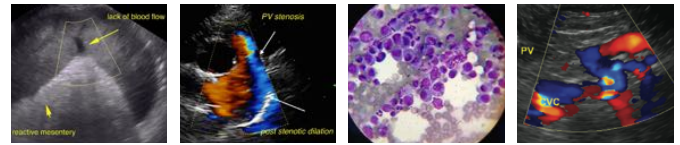
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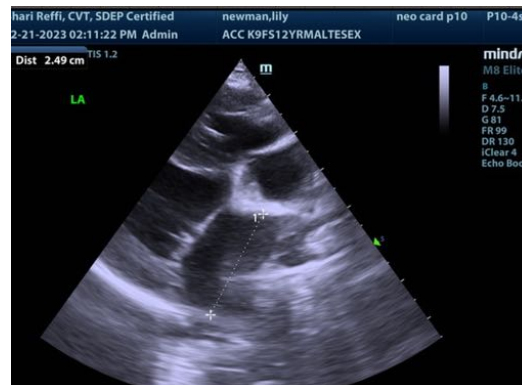
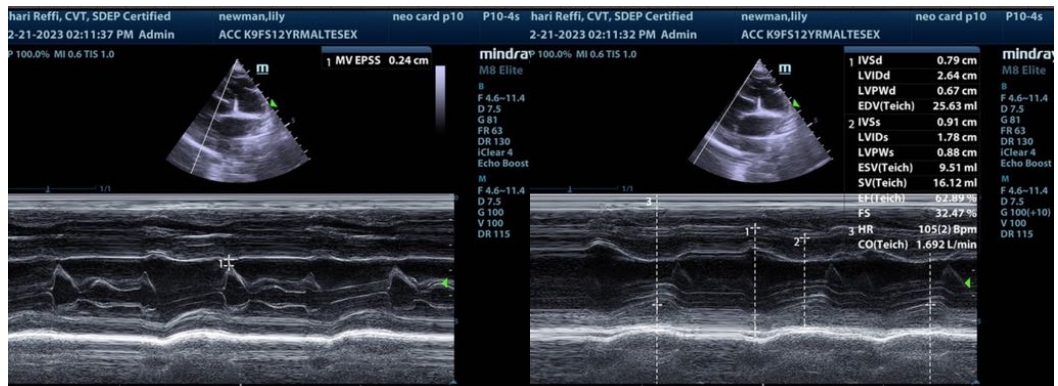
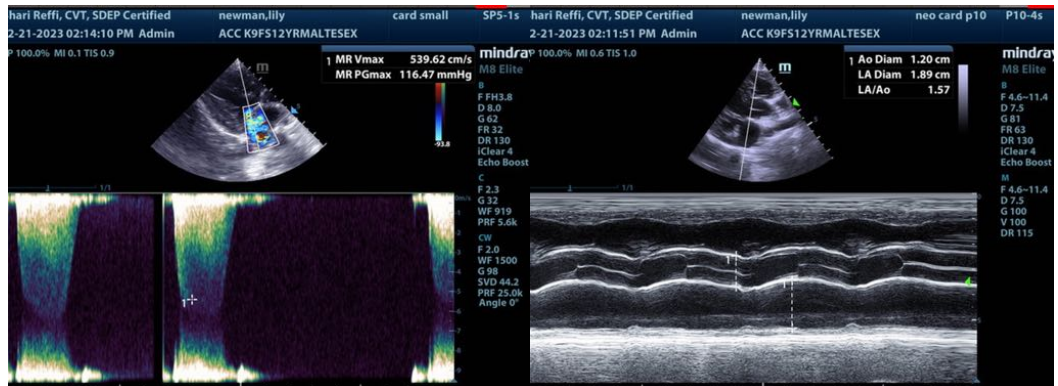
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Info@SonoPath.com