



PATIENT

Penelope Terrezza

SPECIES

Canine

BREED

Cavalier

SEX

Spayed female

AGE

8 years

WEIGHT

21.1 lbs

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP (CFM), Cert.
 IVUSS, CEO of
 SonoPath.com

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Companion AH of
 Parsippany

REFERRING VET

Dr. Tsai

INVOICE

69795

DATE

1/5/26

PRESENTING CLINICAL SIGNS

History: Recheck Meds- pimo-5mg am and 2.5 pm

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented mitral valve prolapse, mild residual left atrial enlargement was noted. Left ventricular dilation was also noted. However, some improvement has occurred compared to the prior sonogram. Contractility was adequate. There was no pericardial or pleural effusion noted. Mitral and minor tricuspid insufficiency was present. The aortic and pulmonic outflow velocities were normal.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	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	6.0	1.5	1.3	1.44	31	59	0.14
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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	112	1.4	1.2	21.1 lbs	4.2	4.0	

ULTRASONOGRAPHIC FINDINGS

Stage B2 valvular disease, no adjustment of current protocol is recommended.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Monitoring of blood pressure, BUN and creatinine are all indicated. If any clinical signs initiate a recheck echocardiogram is recommended earlier than 6 months. Otherwise, 6 month recheck is recommended.

The heart has minor volume overload and is working to compensate for the valvular insufficiency. Target respiratory rate is < 20 resp/minute after therapy. After initiating or adjusting therapy, I recommend recheck on the clinical exam, BUN, Creatinine, USG, Chest radiographs & Blood pressure in 5-7 days. Recheck echo in 3-6 months, earlier if clinical decompensation is occurring. Minor anesthetic risk for a brief procedure at this time. Repeat preanesthetic echo is ideal if anesthesia is eventually necessary. A suggested anesthetic combination would involve Torbutrol premed, propofol induction, Isoflurane maintenance or equivalent protocol.



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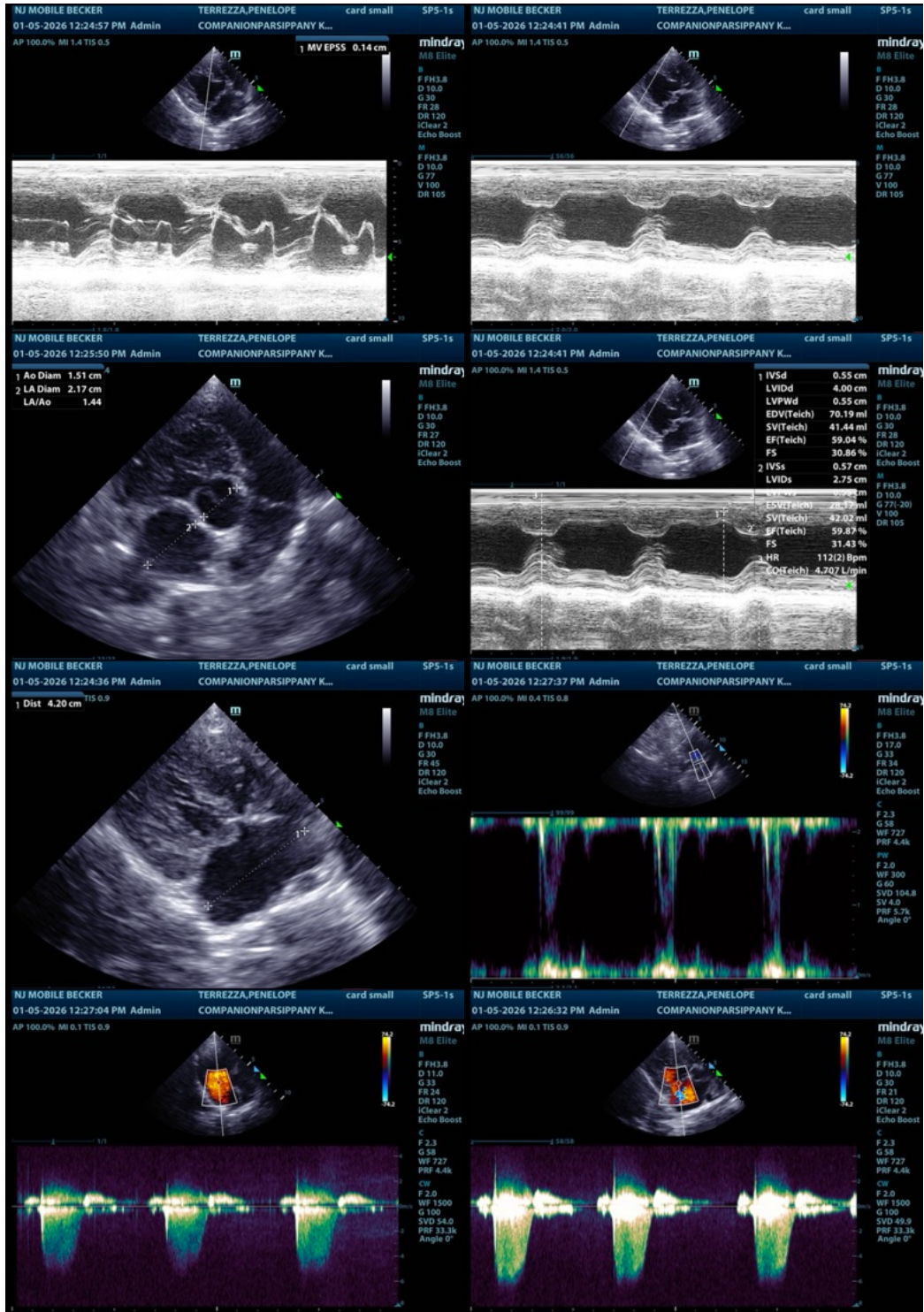
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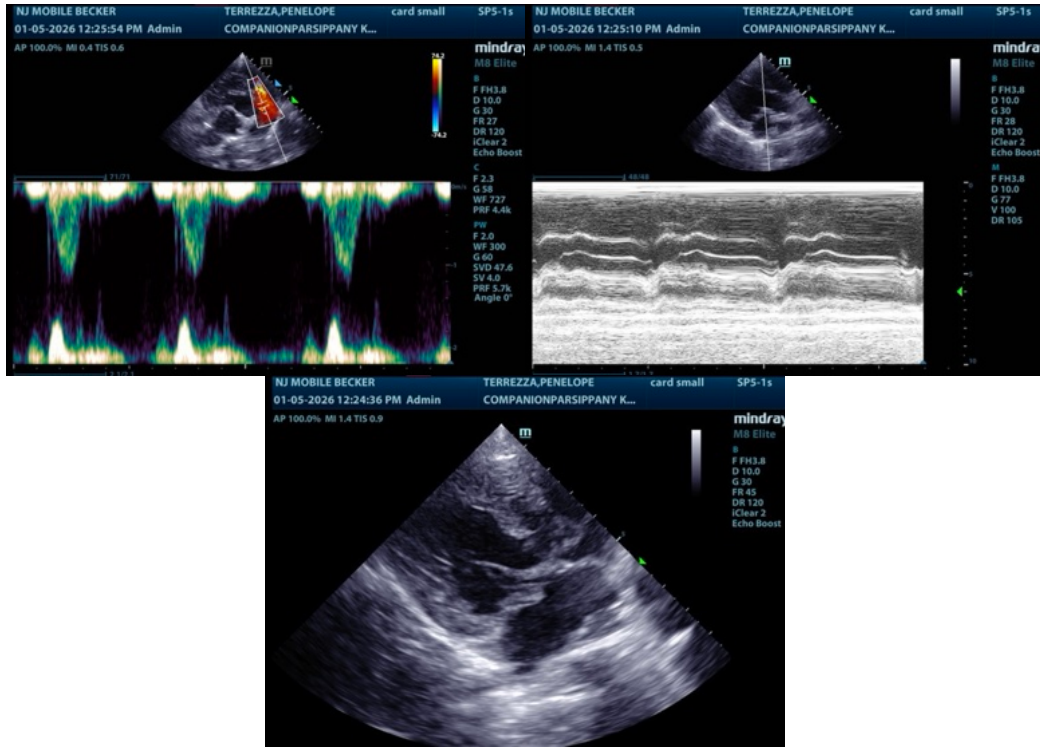
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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