



**PATIENT**

Rico Lichtstein

**PRESENTING CLINICAL SIGNS**

History: Recheck echo- 4/6 murmur, dry cough- slightly worse.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

**BREED**

Chihuahua

**SEX**

Neutered Male

**AGE**

9 Years

**WEIGHT**

11 Pounds

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	5.8	3.2	NM	2.02	49	NM	0.10
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (mm)	LVIDs Avg; 2D and m-mode short axis (mm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	--	1.8	1.2	11 lbs	29.79 mm	29.7 mm	14.4 mm

**INTERPRETED BY**

Laurent Locquet, DVM,  
 MRCVS, GPCert, (VC)  
 Diplomate, ECVIM-CA

**IMAGING PERFORMED BY**

Kerri Becker

**HOSPITAL NAME**

Companion VH of  
 Wayne

**REFERRING VET**

Dr. Spitz

**INVOICE**

36582

**DATE**

4/13/26

**Cardiac Presentation**

The study quality is diagnostic. The mitral valve leaflets are severely thickened with moderate to severe mitral regurgitation, posteriorly directed. There is severe prolapse of the anterior mitral valve leaflet. The left atrial size is mildly enlarged on short axis images. Left ventricular internal dimensions during diastole are within normal limits, and left ventricular systolic function is preserved in the face of mitral regurgitation. Mitral regurgitant velocities are increased. There is normal right atrial size with mild tricuspid regurgitation. There is moderate prolapse of the tricuspid valve leaflets, and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology, and corresponding outflow velocities are within normal limits. There is no evidence of aortic or pulmonic insufficiency. The aorta appears normal. Pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- The patient has degenerative valve disease ACVIM stage B-2, stable, apart from mild further progression of the left atrial dilation.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Recommend continuing medication unchanged. Recheck is recommended in 6 months. Keep an eye on the sleeping respiratory rates in the meantime (should be <30 br/p/m).



**PATIENT**

Rico Lichtstein

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Neutered Male

**AGE**

9 Years

**WEIGHT**

11 Pounds

**INTERPRETED BY**

Laurent Locquet, DVM,  
 MRCVS, GPCert, (VC)  
 Diplomate, ECVIM-CA

**IMAGING PERFORMED BY**

Kerri Becker

**HOSPITAL NAME**

Companion VH of  
 Wayne

**REFERRING VET**

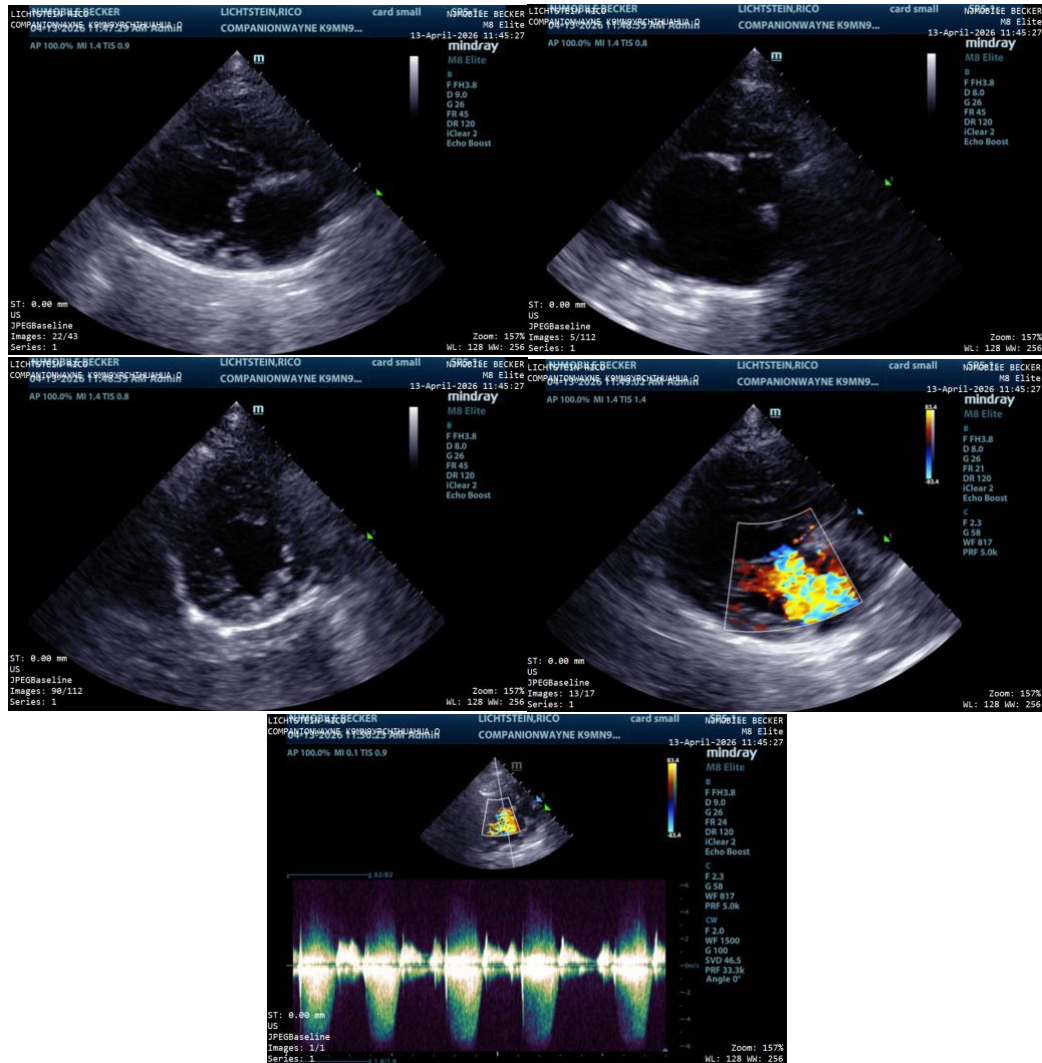
Dr. Spitz

**INVOICE**

36582

**DATE**

4/13/26



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.

Laurent Locquet, DVM MRCVS GPCert (VC) Diplomate ECVIM-CA

[info@SonoPath.com](mailto:info@SonoPath.com)