



PATIENT

Scooby Torres

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Male

AGE

1 year

WEIGHT

13.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Vincent Ravancho,
 CVT

HOSPITAL NAME

Martinsville VH

REFERRING VET

Dr. Shendell

INVOICE

72298

DATE

3/6/26

PRESENTING CLINICAL SIGNS

- Pre-Anesthetic Echo
- No clinical signs at home
- Murmur progressive per rDVM. Grade 4-5/6 Left and Right systolic murmur
- No Medications

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Minor **mitral** valve insufficiency was noted. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. Some **tricuspid** insufficiency was noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. Mild increased **RVOT** velocity was noted in this patient and measured 2.2 m/sec. **Pulmonic** insufficiency was noted. No visible **pericardial** or free pleura fluid was noted. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window. Periodic arrhythmia is noted.

E Wave Velocity 1.0

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		-	1.3	1.3	34	66	NM
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	159	1.5	2.13	13.6 lbs	2.0	2.1	

ULTRASONOGRAPHIC FINDINGS

Pulmonic insufficiency and turbulence in the pulmonic outflow. Suspect a mild form of pulmonic stenosis. Not hemodynamically significant at this time even though there is some volume overload of the right atrium.

Periodic arrhythmia.



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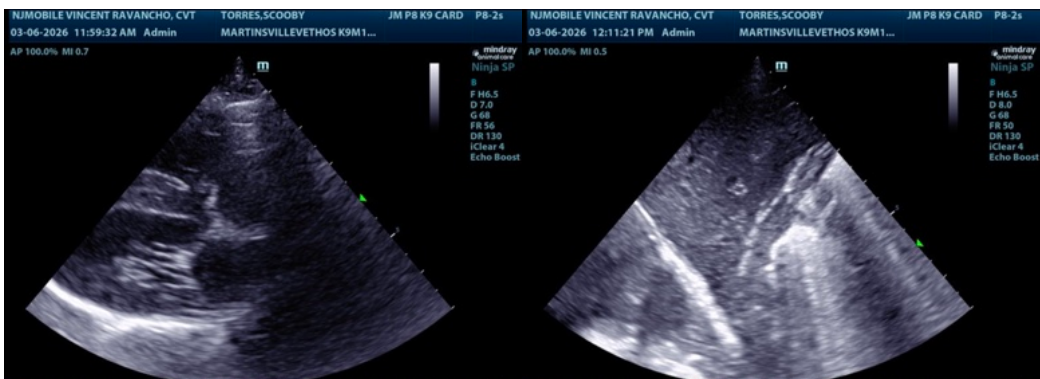
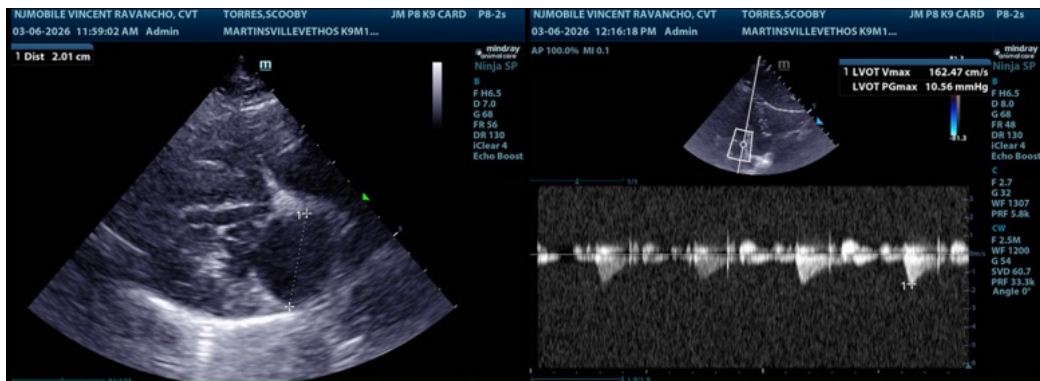
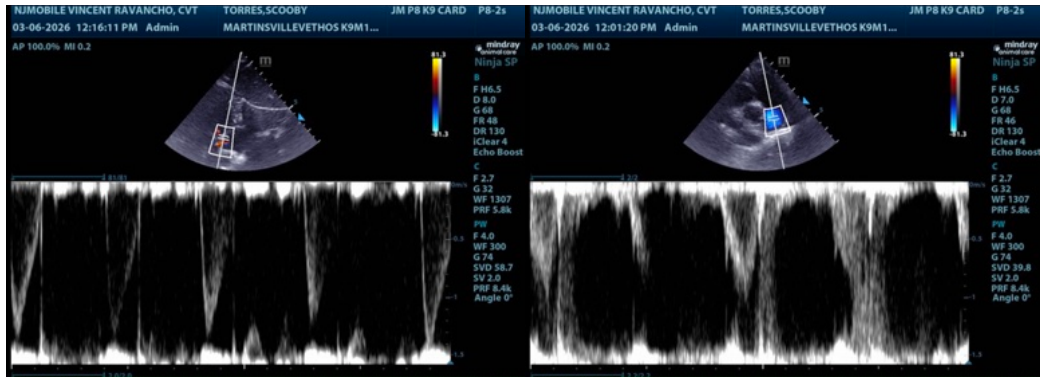
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was some respiratory interference noted. I am concerned for some level of pulmonic stenosis; however, imaging of the pulmonic outflow was difficult owing to the respiratory interference in this patient. EKG is warranted as periodic arrhythmia was noted. Further definition of possible pulmonic stenosis under sedation is recommended given the respiratory interference. Further Doppler assessment of the deep pulmonary artery and pulmonic valve as well as the tricuspid valve.





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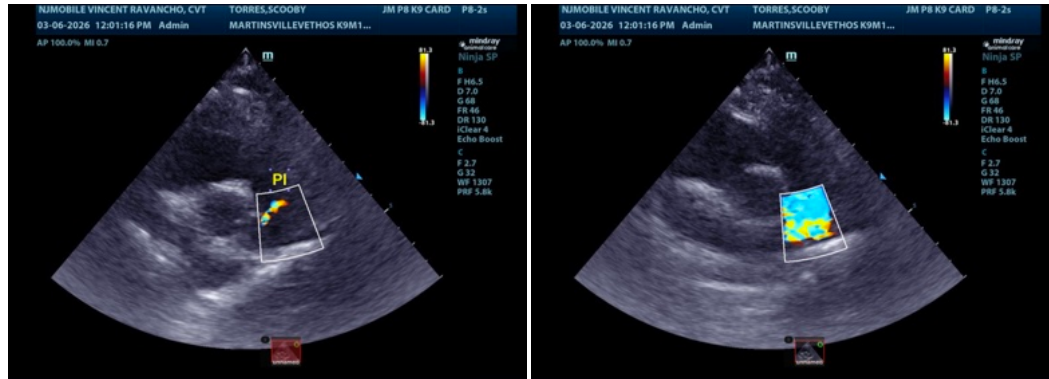
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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