



PATIENT

Nacho Spady

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Neutered Male

AGE

11 Years 6 Months

WEIGHT

13.6 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Romero

HOSPITAL NAME

Mulnix Animal Clinic

REFERRING VET

Dr. Sarah Mc-Palmer

INVOICE

16406

DATE

05/21/26

PRESENTING CLINICAL SIGNS

Newly adopted. Had a dental cleaning through rescue in the fall. A systolic murmur was heard at that time. Asymptomatic.

Abnormal PE/Chem/CBC/UA Results: Grade III/VI systolic heart murmur, blood pressure 100-110 mmHg doppler

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

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	--	2.26	NM	1.12	33	66	NM
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 (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	NM	0.61	0.43	13.6	2.1	1.89	1.32

Cardiac Presentation

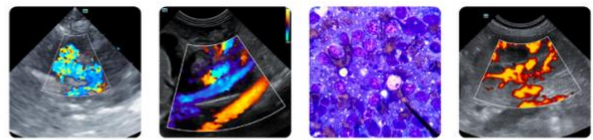
The left atrium was normal in all 3 views. The mitral valve shows myxomatous changes compatible with myxomatous mitral valve disease and mild mitral valve regurgitation. The left ventricle was normal. The myocardium was normal. Contractility was normal. Left ventricular outflow tract was normal. The right atrium was normal. No evidence of masses. The tricuspid valve showed myxomatous changes with mild tricuspid valve regurgitation. The right ventricle was normal. The pulmonic tract was normal. No visible pericardial effusion or pleural effusion. The cranial mediastinum and pericardial regions were free of masses in the visible windows.

ULTRASONOGRAPHIC FINDINGS

- Myxomatous mitral valve disease stage B1 with concurrent mild tricuspid regurgitation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Annual Recheck is recommended. No medications are necessary. Anesthetic risk should not be overtly increased based on these findings. Recommend a combination of 0.2 mg/kg of Midazolam and 0.3 mg/kg of Butorphanol and Alfaxone as an induction protocol.



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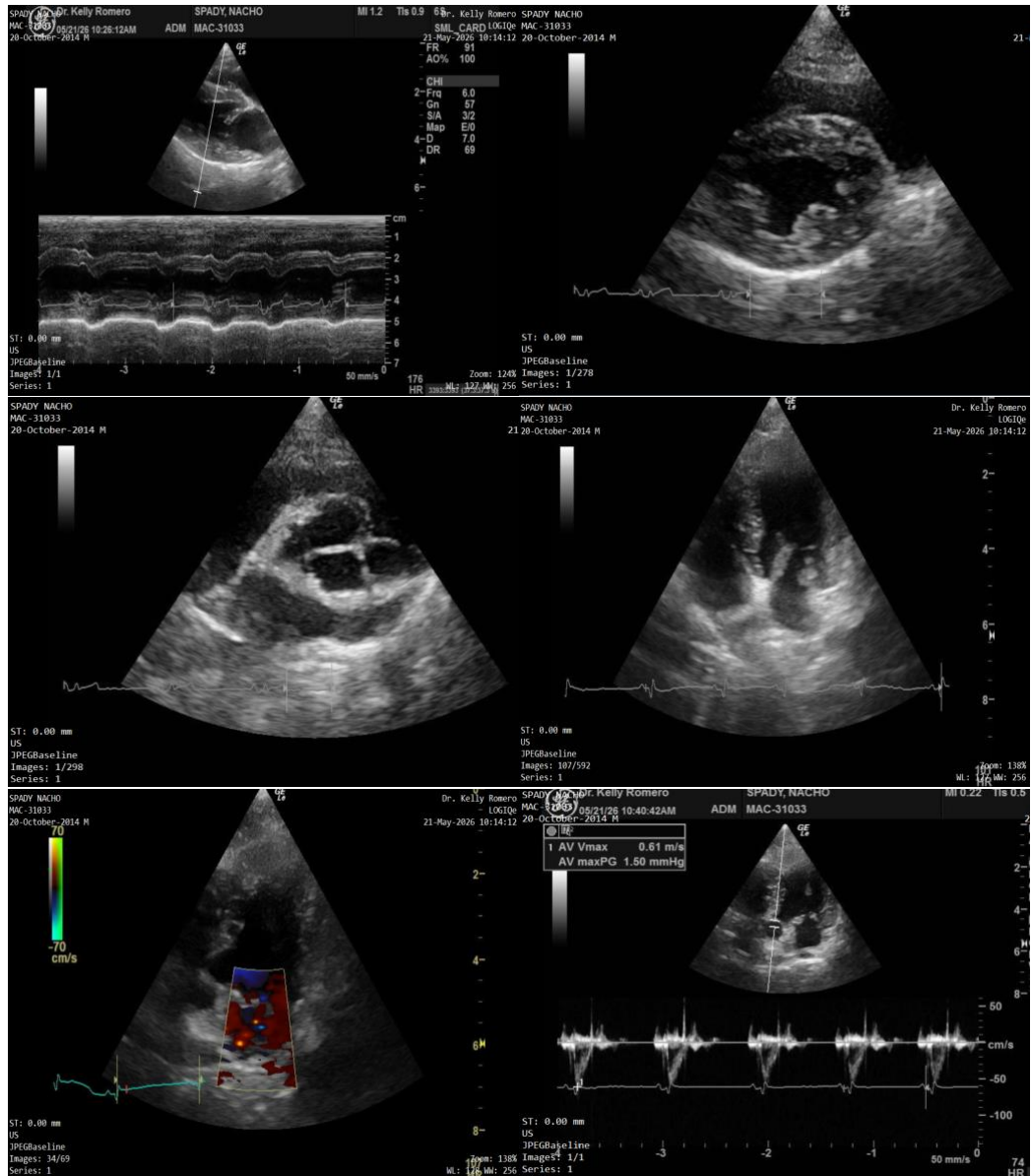
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com



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