



	PRESENTING CLINICAL SIGNS
DATE	History: Grade IV/VI murmur. Pre-anesthetic evaluation (dental).
12/20/22	ECHOCARDIOGRAPHIC FINDINGS 2D, M-mode, and Doppler study.
PERFORMED BY:	There is mild left atrial dilation. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.
Loetitia Saint-Jacques, LVT, RVT	
INTERPRETED BY	
Keith Blass, DVM, MS, DACVIM (Cardiology)	LA - 28.4 mm LVIDd - 25.8 mm LVIDs - 14.6 mm FS - 43.4% LVOT - 0.93 m/s RVOT - 0.95 m/s
PATIENT	
Waylon Nelson	ELECTROCARDIOGRAPHIC FINDINGS A six lead ECG is submitted for review.
SPECIES	HR: 176 bpm Rhythm: Sinus tachycardia
Canine	Sinus tachycardia is present throughout this recording. The MEA is normal. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.
BREED	
Dachshund	ASSESSMENT/RECOMMENDATIONS Degenerative mitral valve disease
SEX	This examination demonstrates mild to moderate regurgitation of blood across Waylon's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Waylon has mild dilation of his left atrium, though his left ventricular dimensions are normal, and his left ventricular systolic function is well-preserved. As only mild left atrial dilation is present, Waylon's current risk for the development of clinical signs secondary to his mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is still recommended going forward.
MN	
AGE	
15 y	No abnormalities are appreciated in Waylon's ECG.
WEIGHT	Waylon's cardiovascular risk for general anesthesia is mildly based on this exam, therefore, some precautions should be taken in order to minimize this risk. I recommend avoiding the use of alpha-2 agonists, ketamine, and telazol in the anesthetic protocol, as well as reducing the IV fluid rate by 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.
14 lb	
HOSPITAL NAME	
Incline VH	I recommend starting Waylon on pimobendan (2.5 mg am, 1.25 mg pm), as this medication should help to slow the progression of his mitral valve disease, as well as decrease his risk for general anesthesia.
REFERRING VET	
Dr. Moger	



DATE

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Waylon experiences respiratory clinical signs.

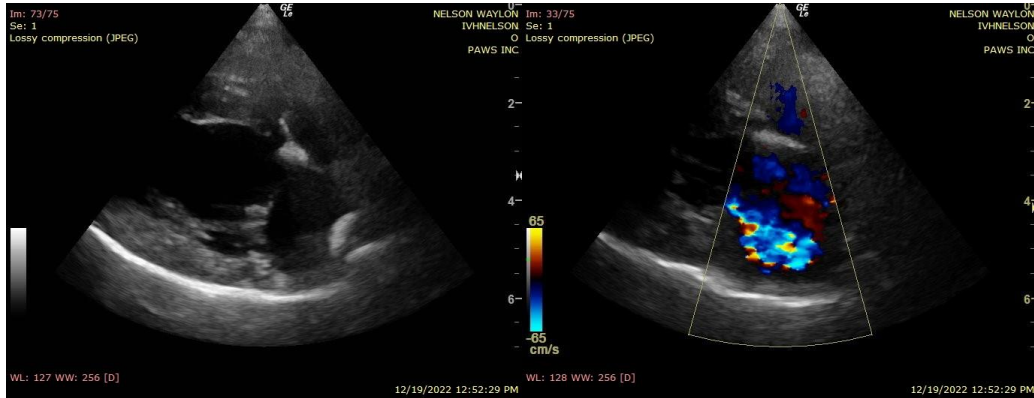
12/20/22

PERFORMED BY:

Loetitia Saint-Jacques, LVT, RVT

INTERPRETED BY

Keith Blass, DVM, MS, DACVIM (Cardiology)



PATIENT

Waylon Nelson

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

SPECIES

Canine

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.

BREED

Dachshund

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631-804-5754

SEX

MN

AGE

15 y

WEIGHT

14 lb

HOSPITAL NAME

Incline VH

REFERRING VET

Dr. Moger