



PATIENT

Luna Kluczynski

SPECIES

Canine

BREED

Rhodesian Ridgeback
Mix

SEX

FS

AGE

11 y

WEIGHT

35.2 kg

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Brian Barnes

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes

INVOICE

DATE

5/14/26

PRESENTING CLINICAL SIGNS

Grade 3/6 murmur. BNP 1194.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. There is mild left ventricular hypertrophy. Left ventricular internal dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. 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 appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 39.9 mm
IVSd - 15.7 mm
LVPWd - 15.7 mm
LVIDd - 37.1 mm
LVIDs - 25.4 mm
FS - 31.5%
RA - 27.0 mm
LVOT - 1.59 m/s
RVOT - 1.10 m/s

ASSESSMENT/RECOMMENDATIONS

This examination demonstrates mild hypertrophy of Luna's left ventricular walls. While it's possible that she could be suffering from hypertrophic cardiomyopathy (HCM), this disease is rare in dogs, therefore, consideration should also be given to other causes of the hypertrophy, such as systemic hypertension. As Luna does not have secondary dilation of her left atrium, her current risk for the development of left-sided congestive heart failure is low, though she is at mildly increased risk for arrhythmia formation.

Luna's murmur appears to be due to the presence of mildly increased flow velocity in her aorta, which is a common reason for a functional/innocent murmur to develop in dogs.

A blood pressure measurement is recommended.

No therapy is recommended based on this exam.

A recheck echocardiogram is recommended in 6 months to monitor for disease progression.



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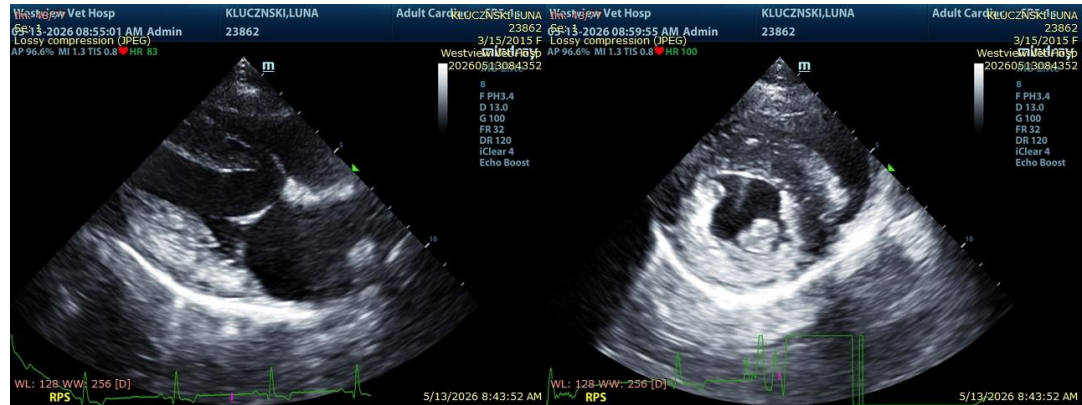
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology) info@SonoPath.com