


PRESENTING CLINICAL SIGNS

History: Grade IV/VI holosystolic murmur.

DATE

6/16/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Sands Hill MVU

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. 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

PATIENT

Lilah Anderson

 LA - 41.2 mm
 LVIDd - 37.5 mm
 LVIDs - 21.8 mm
 FS - 41.9%
 RA - 24.5 mm
 LVOT - 0.64 m/s
 RVOT - 0.73 m/s
 TR - 2.54 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Labrador Mix

This examination demonstrates regurgitation of blood across Lilah's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of each of the regurgitations appear to be mild, as Lilah does not have secondary dilation of any of her cardiac chambers, and her ventricular systolic function is well-preserved. As such, Lilah's valvular diseases appear to be well-compensated, and her current risk for the development of clinical signs secondary to them, such as coughing, exercise intolerance, syncope, labored breathing, and abdominal distension, appears to be low.

SEX

FS

No therapy is recommended at this stage of Lilah's valvular diseases.

AGE

10 y

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

WEIGHT

45.8 lb

HOSPITAL NAME

Whole Pet Vet


REFERRING VET

Dr. Pinkall



DATE

6/16/23

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.

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.

PERFORMED BY:

Sands Hill MVU

Keith Blass, DVM, MS, DACVIM (Cardiology)

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631-804-5754

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