

RESENTING CLINICAL SIGNS

History: Grade 2-3/6 left apical murmur. Cough, hack, gag. Pre-dental evaluation.

DATE

8/30/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 1/20/21.

PERFORMED BY:

Dr. Brian Barnes

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of eccentric 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 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

PATIENT

Kesler Richert

LA - 36.0 mm
LVIDd - 34.4 mm
LVIDs - 22.2 mm
FS - 35.5%
LVOT - 1.84 m/s
RVOT - 1.26 m/s
TR - 2.56 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Labradoodle

This examination demonstrates mild mitral regurgitation resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Kesler does not have secondary dilation of either of his left heart chambers, and his left ventricular systolic function is well-preserved. As such, Kesler's mitral valve disease appears to be well-compensated, and it does not appear to be contributing to his cough/gag.

SEX

MN

Kesler's cardiovascular risk for general anesthesia is only very mildly increased based on this exam, though I still recommend avoiding the use of alpha-2 agonists in the anesthetic protocol and reducing the IV fluid rate by 25% as precautions.

AGE

12 y

No therapy is recommended at this stage of disease.

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

WEIGHT

18.3 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes



DATE

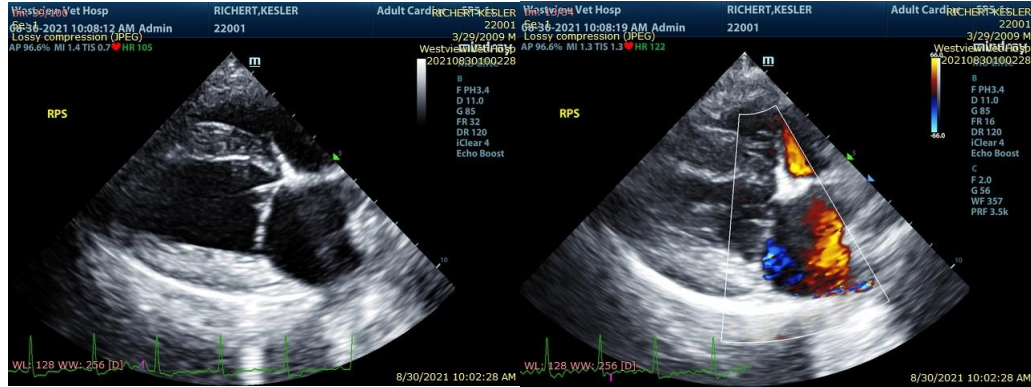
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754