



RESENTING CLINICAL SIGNS

History: Pre-dental evaluation.

DATE

11/16/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Tasha

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened, and there is Doppler evidence of mitral regurgitation present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic appear normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve appear normal. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 30.6 mm
LVIDd - 29.5 mm
LVIDs - 16.1 mm
FS - 45.4%

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

PATIENT

Reba Eichelberger

This examination demonstrates regurgitation of blood across Reba's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Reba has mild dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Reba's current risk for the development of clinical signs secondary to her disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended going forward.

SPECIES

Canine

BREED

JRT

Reba's cardiovascular risk for general anesthesia is mildly, approaching mildly to moderately, increased 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 at least 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

SEX

FS

I recommend starting Reba on pimobendan (2.5 mg am, 1.25 mg pm), as this medication should help to slow the progression of her mitral valve disease, as well as decrease her risk for general anesthesia.

AGE

13 y

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

WEIGHT

15 lb

HOSPITAL NAME

Dillsburg VC



REFERRING VET

Dr. Pryor

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.

DATE

11/16/22

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:

Tasha

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