



RESENTING CLINICAL SIGNS

History: Grade 4/6 murmur.

DATE

12/27/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Paul Kim

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is 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. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

PATIENT

Jubi Lii

LA - 28.5 mm
LVIDd - 28.8 mm
LVIDs - 13.7 mm
FS - 52.4%
LVOT - 1.50 m/s
RVOT - 0.96 m/s
TR - 2.54 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Maltese

This examination demonstrates regurgitation of blood across Jubi's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Jubi has mild to moderate dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. Jubi's mitral valve disease is still compensated, however, she is at risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended going forward.

SEX

F

I recommend starting Jubi on pimobendan (1.25 mg BID), as this medication should help to slow the progression of her mitral valve disease.

AGE

15 y

A recheck echocardiogram is recommended in 6-9 months. Thoracic radiographs are recommended if Jubi experiences respiratory clinical signs.

WEIGHT

8.5 lb

HOSPITAL NAME

Ridgefield Park AH

REFERRING VET

Dr. Kim



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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.

PATIENT

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.

Jubi Lii

Keith Blass, DVM, MS, DACVIM (Cardiology)

SPECIES

KeithBlass@gmail.com
631-804-5754

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