



PATIENT

Misha Ghorbani

SPECIES

Canine

BREED

Maltese

SEX

MN

AGE

8 y

WEIGHT

3.6 kg

PRESENTING CLINICAL SIGNS

Murmur. Coughing.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. There is 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. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 26.9 mm
LVIDd - 28.3 mm
LVIDs - 13.7 mm
FS - 51.6%
RA - 11.5 mm
LVOT - 1.20 m/s
RVOT - 0.63 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Burlington Lakeshore
VH

REFERRING VET

Dr. Ghobrial

INVOICE

DATE

1/16/26

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

This examination demonstrates moderate regurgitation of blood across Misha's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Misha has mild to moderate dilation of his left atrium and moderate dilation of his left ventricle, though his left ventricular systolic function is well-preserved. Given the absence of more significant left atrial dilation, it's unlikely that mainstem bronchial compression is a primary contributor to Misha's cough, though thoracic radiographs are recommended for further evaluation. Misha's current risk for the development of other clinical signs secondary to his mitral valve disease, such as exercise intolerance, syncope, and labored breathing, is mildly to moderately, approaching moderately, increased based on this exam, therefore, careful monitoring for these signs is recommended.

I recommend starting Misha on pimobendan (1.25 mg am, 0.625 mg pm), as this medication should help to slow the progression of his mitral valve disease. Should Misha's cough be significant enough to warrant therapy, a trial with a cough suppressant is recommended.

A recheck echocardiogram is recommended in 6-9 months.



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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)

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