



PATIENT

Owen Dolan

SPECIES

Canine

BREED

Boston Terrier

SEX

MN

AGE

11 y

WEIGHT

26 lb

PRESENTING CLINICAL SIGNS

Presented on 5/1/26 for coughing and vomiting/regurgitation. Radiographs showed megaesophagus, pneumonia, and mild cardiomegaly. Grade I-II/VI left basilar murmur.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is mild 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 is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA - 36.4 mm

LVIDd - 35.9 mm

LVIDs - 17.6 mm

FS - 51%

RA - 26.0 mm

LVOT - 1.51 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Brandi Kurzowski

HOSPITAL NAME

Corfu VC

REFERRING VET

Dr. Beatty

INVOICE

DATE

6/2/26

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease - stage B2

This examination demonstrates regurgitation of blood across Owen's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Owen has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Owen's previous cough does not appear to be cardiogenic in origin, and his current risk for the development of other clinical signs secondary to his mitral valve disease, such as exercise intolerance, syncope, and labored breathing, appears to be relatively low.

I recommend starting Owen on pimobendan (3.75 mg am, 2.5 mg pm), as this medication should help to slow the progression of his mitral valve disease.

A recheck echocardiogram is recommended in 9 months. Recheck thoracic radiographs are recommended if Owen experiences difficulty breathing.



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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) info@SonoPath.com