


DATE PRESENTING CLINICAL SIGNS

7/20/23 History: Grade 4/6 murmur. Worsening cough. Initially improved with temaril-P and doxycycline. Radiographs one month ago showed cardiomegaly.

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.

Karen Ebersole, DVM, DABVP 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 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 is normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM, MS, DACVIM (Cardiology)

LA - 25.2 mm
 LVIDd - 26.3 mm
 LVIDs - 13.4 mm
 FS - 49%

PATIENT

Lilly Maxwell
 RA - 15.0 mm
 LVOT - 1.35 m/s
 RVOT - 0.70 m/s

SPECIES ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease - stage B2

Canine

This examination demonstrates moderate regurgitation of blood across Lilly's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Lilly has mild to moderate dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. While I can't rule out a cardiac contribution to Lilly's cough, the absence of more advanced left atrial dilation suggests that mainstem bronchial compression is not the primary cause. Lilly's disease severity indicates that she is at risk for the development of left-sided congestive heart failure, therefore, careful monitoring of her respiratory rate/effort is recommended.

BREED

Chihuahua

SEX

FS Recommended therapy at this stage of Lilly's mitral valve disease is pimobendan (1.25 mg am, 0.625 mg pm). As for her cough, I recommend starting Lilly on hydrocodone (0.25-0.3 mg/kg PRN up to every 6 hours). Should Lilly's cough persist, a trial with furosemide (3.125 mg BID) can be considered.

AGE

11 y

A recheck echocardiogram is recommended in 9 months. Repeat radiographs are recommended if Lilly experiences difficulty breathing.

WEIGHT

7.3 lb

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Berdahl



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PATIENT

Lilly Maxwell

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

11 y

WEIGHT

7.3 lb

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Dr. Berdahl

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.

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