


RESENTING CLINICAL SIGNS

DATE History: Grade 4/6 murmur heard bilaterally. Deep cough. Mild enlargement of R submandibular lymph node. Started Clavaseptin.
 12/22/21

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.
 Crystal Hill
INTERPRETED BY: There is mild to moderate left atrial dilation. The mitral valve leaflets are 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 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 pericardial effusion or cardiac masses are seen.
 Keith Blass, DVM, MS, DACVIM (Cardiology)

ECG during echo: Sinus rhythm

PATIENT LA - 32.7 mm
 LVIDd - 29.4 mm
 LVIDs - 15.0 mm
 FS - 49%
 RA - 16.0 mm
 LVOT - 1.45 m/s
 RVOT - 0.79 m/s
 Annabelle Worrall

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS
 Degenerative mitral valve disease

BREED This examination demonstrates regurgitation of blood across Annabelle's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Annabelle has mild to moderate dilation of her left atrium and mild dilation of her left ventricle, though her left ventricular systolic function is well-preserved. Given the presence of mild to moderate left atrial dilation, a cardiac contribution to Annabelle's cough cannot be ruled out, however, the absence of more significant dilation suggests that consideration should also be given to a respiratory cause of the cough.
 Terrier Mix
SEX Annabelle's mitral valve disease is still compensated, however, she could become at risk for the development of left-sided congestive heart failure if her disease were to progress, therefore, careful monitoring of her respiratory rate/effort is recommended.
 FS

AGE Thoracic radiographs may be warranted to further evaluate Annabelle's cough.

10 y I recommend starting Annabelle 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 improve any potential cardiogenic component of her cough.

WEIGHT

6.23 kg

A recheck echocardiogram is recommended in 9 months.

HOSPITAL NAME

Beatties PH Stoney Creek

REFERRING VET

Dr. Baskin



DATE

12/22/21

PERFORMED BY:

Crystal Hill

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Annabelle Worrall

SPECIES

Canine

BREED

Terrier Mix

SEX

FS

AGE

10 y

WEIGHT

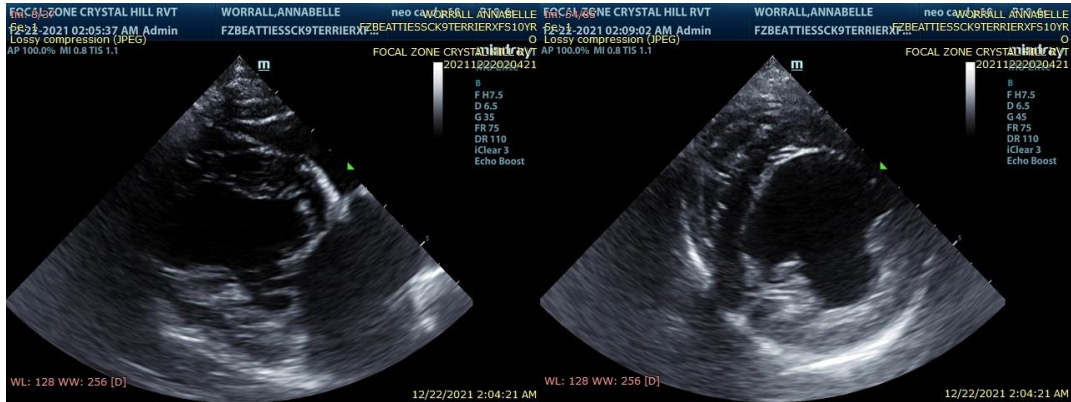
6.23 kg

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Creek

REFERRING VET

Dr. Baskin



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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
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