



RESENTING CLINICAL SIGNS

DATE History: Murmur. Increased coughing recently. Radiographs show mildly enlarged LA, mild dorsal displacement of trachea, no pulmonary edema.

9/22/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Meredith Swart

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is borderline 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 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.

PATIENT

Willow Beaulieu

LA - 20.2 mm
LVIDd - 18.5 mm
LVIDs - 9.2 mm
FS - 50.2%
LVOT - 0.90 m/s
RVOT - 0.86 m/s
TR - 2.64 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Maltese Mix

This examination demonstrates regurgitation of blood across Willow's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Willow has mild dilation of her left atrium and borderline mild dilation of her left ventricle, though her left ventricular systolic function is well-preserved. As only mild left atrial dilation is present, Willow's mitral valve disease appears to be well-compensated, and it's unlikely that mainstem bronchial compression is contributing to her cough.

SEX

FS

I recommend starting Willow on pimobendan (1.25 mg am, 0.625 mg pm), as this medication should help to slow the progression of her mitral valve disease, as well as improve any potential cardiac contribution to her cough.

AGE

9 y

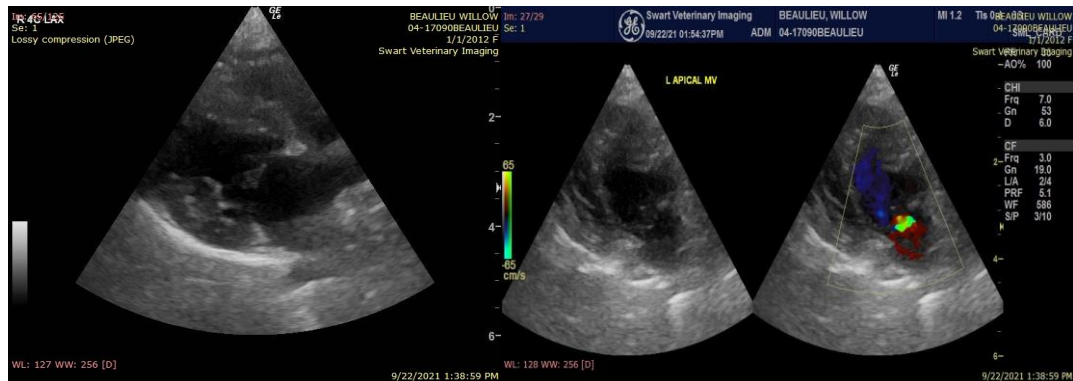
A recheck echocardiogram is recommended in 9 months.

WEIGHT

5.7 lb

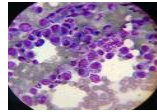
HOSPITAL NAME

Swart Veterinary
Imaging



REFERRING VET

Dr. Swart



DATE

9/22/21

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.

PERFORMED BY:

Dr. Meredith Swart

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.

INTERPRETED BY

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(Cardiology)

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