


PRESENTING CLINICAL SIGNS
DATE

History: Murmur. Recently experienced a possible syncopal episode. Radiographs showed no cardiomegaly or pulmonary edema. After the episode, started on pimobendan 2.5 mg BID and enalapril 5 mg SID.

2/23/23

ECHOCARDIOGRAPHIC FINDINGS
PERFORMED BY:

2D, M-mode, and Doppler study.

Dr. Meredith Swart

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

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

PATIENT

Otis Forester

 LA - 28.0 mm
 LVIDd - 26.4 mm
 LVIDs - 12.8 mm
 FS - 51.5%
 RA - 15.8 mm
 LVOT - 1.14 m/s
 RVOT - 0.83 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Shih Tzu

This examination demonstrates regurgitation of blood across Otis's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation appear to be fairly mild, as Otis has only very mild secondary dilation of his left atrium, while his left ventricular dimensions are normal, and his left ventricular systolic function is well-preserved. As only very mild left atrial dilation is present, it's unlikely that Otis's mitral valve disease is the cause of his syncopal episode, and consideration should be given to vasovagal syncope or an arrhythmia as more likely causes. Otis's current risk for the development of a cough, exercise intolerance, and labored breathing appears to be low, though careful monitoring for these signs is recommended going forward.

SEX

MN

An ECG and/or Holter/event monitor is recommended if Otis experiences additional syncopal episodes.

AGE

11 y

Continued use of pimobendan is recommended at this time, though no specific indication for enalapril is seen in this exam.

WEIGHT

16 lb

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Otis experiences respiratory clinical signs.

HOSPITAL NAME

 Swart Veterinary
 Imaging

REFERRING VET

Dr. Swart



DATE

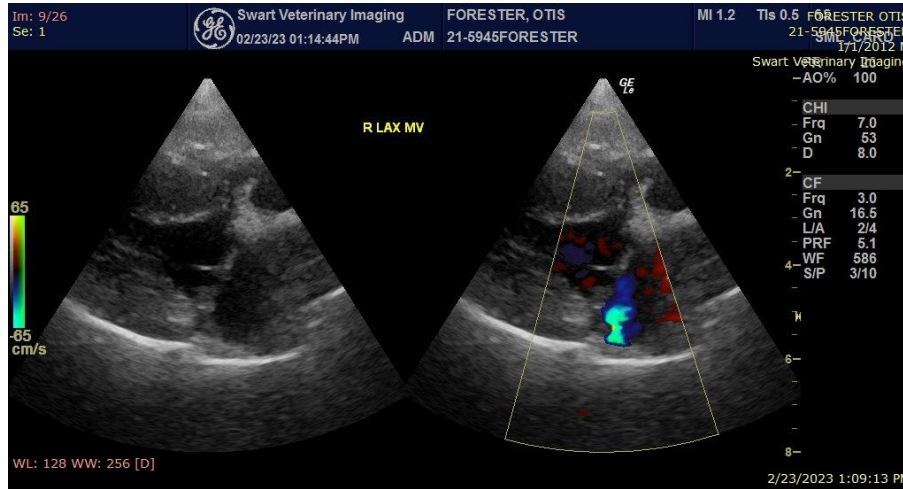
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PERFORMED BY:

Dr. Meredith Swart

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(Cardiology)



PATIENT

Otis Forester

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.

SPECIES

Canine

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631-804-5754

BREED

Shih Tzu

SEX

MN

AGE

11 y

WEIGHT

16 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart