



RESENTING CLINICAL SIGNS

DATE History: New murmur. Asymptomatic.

4/13/23 **ECHOCARDIOGRAPHIC FINDINGS**
2D, M-mode, and Doppler study.

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

Dr. Meredith Swart
INTERPRETED BY
Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 33.8 mm
LVIDd - 33.7 mm
LVIDs - 21.4 mm
FS - 36.5%
RA - 23.8 mm
LVOT - 1.39 m/s
RVOT - 1.14 m/s
TR - 2.50 m/s

PATIENT
Zeus Sculley

SPECIES **ASSESSMENT/RECOMMENDATIONS**
Degenerative mitral valve disease

Canine
BREED Schnauzer
This examination demonstrates regurgitation of blood across Zeus's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Zeus has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is normal. As only mild left heart chamber dilation is present, Zeus's current risk for the development of clinical signs secondary to his mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended going forward.

SEX I recommend starting Zeus on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease.

MN

A recheck echocardiogram is recommended in 9 months to monitor for disease progression. Thoracic radiographs are recommended if Zeus experiences respiratory clinical signs.

AGE

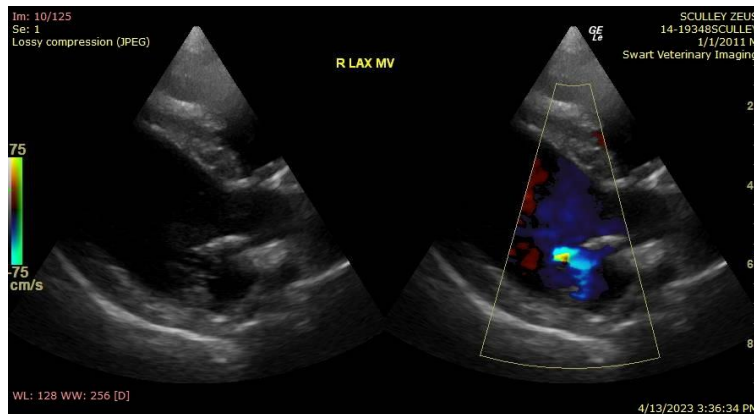
12 y

WEIGHT

22 lb

HOSPITAL NAME

Swart Veterinary
Imaging



REFERRING VET

Dr. Swart



DATE

4/13/23

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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MS, DACVIM
(Cardiology)

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PATIENT

Zeus Sculley

SPECIES

Canine

BREED

Schnauzer

SEX

MN

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12 y

WEIGHT

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