


PRESENTING CLINICAL SIGNS

DATE History: Murmur. Recent onset of coughing in November. Radiographs showed possible mild pulmonary edema. Started on furosemide 12.5 mg BID and pimobendan 2.5 mg am, 1.25 mg pm. Coughing much improved since starting medications. Moderately regulated diabetic.

12/5/22

ECHOCARDIOGRAPHIC FINDINGS

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

Dr. Meredith Swart 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 mildly hyperdynamic. The aorta and aortic valve appear normal. Right atrial and right ventricular dimensions appear normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM, MS, DACVIM (Cardiology)

PATIENT LA - 28.1 mm
 LVIDd - 28.3 mm
 LVIDs - 15.9 mm
 FS - 43.8%
 RA - 13.3 mm
 RVOT - 0.87 m/s

Dexter Box

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

BREED This examination demonstrates regurgitation of blood across Dexter's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Dexter has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, it would be a bit surprising if Dexter's cough was cardiogenic in origin and if he developed mild pulmonary edema, however, I haven't seen Dexter's radiographs and can't comment on their findings. Dexter's improvement with furosemide and pimobendan may suggest a cardiogenic cause of the cough, however, furosemide does also have some anti-inflammatory properties, therefore, it's possible that this could be the reason for his improvement.

Dachshund

SEX

MN

AGE Continued use of pimobendan is warranted based on this exam, as the medication should help to slow the progression of his mitral valve disease. Continued use of furosemide at the lowest effective dose also appears to be warranted given Dexter's improvement with the medication.

10 y A recheck echocardiogram is recommended in 9 months. Repeat thoracic radiographs are recommended if Dexter's cough worsens, or if he experiences labored breathing.

WEIGHT
 16 lb

HOSPITAL NAME
 Swart Veterinary Imaging

REFERRING VET
 Dr. Swart



DATE

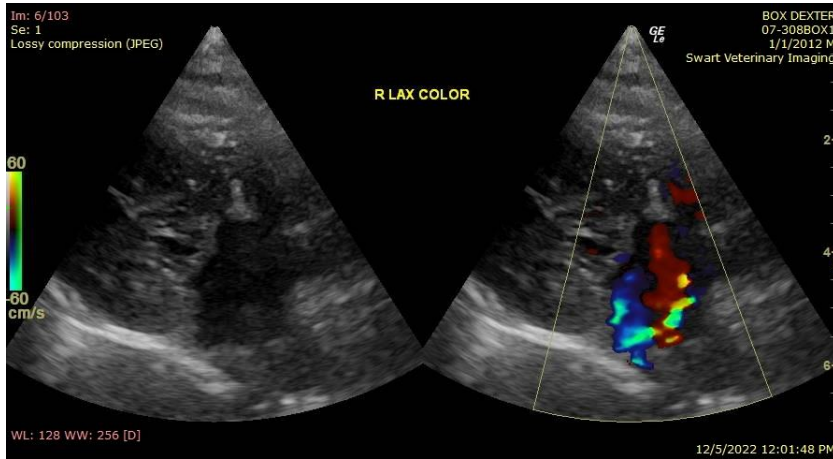
12/5/22

PERFORMED BY:

Dr. Meredith Swart

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Keith Blass, DVM,
MS, DACVIM
(Cardiology)



PATIENT

Dexter Box

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.

SPECIES

Canine

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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631-804-5754

BREED

Dachshund

SEX

MN

AGE

10 y

WEIGHT

16 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart