



PRESENTING CLINICAL SIGNS

DATE History: Chronic cough and pulmonary crackles. Initially responded to furosemide, but no longer. No obvious reason for cough/crackles in radiographs. BNP 2111. Pre-anesthetic evaluation (dental). ECG – sinus arrhythmia.

8/22/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Meredith Swart

Left atrial size is normal. The mitral valve leaflets are mildly thickened, though no evidence of mitral regurgitation is seen. 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 pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA – 18.5 mm
LVIDd – 18.5 mm
LVIDs – 8.9 mm
FS – 57.4%
LVOT – 0.64 m/s
RVOT – 0.57 m/s

PATIENT

Foxy Duffield

ASSESSMENT/RECOMMENDATIONS

SPECIES

Canine

This examination demonstrates mild thickening of Foxy’s mitral valve leaflets, though no evidence of mitral regurgitation is present. This likely indicates that Foxy is in a very early stage of degenerative valve disease, and it’s likely that he will develop mitral regurgitation in the future. As none is present today, Foxy’s cardiac function appears to be well-compensated, and it does not appear that his cough or pulmonary crackles are cardiogenic in origin. The presence of persistent crackles suggests that inflammatory airway disease may be present, though it’s possible that dynamic tracheal collapse could also be contributing to Foxy’s cough.

BREED

Pomeranian

SEX

No cardiac therapy is recommended based on this exam.

MN

A recheck echocardiogram is recommended if Foxy develops a murmur, or if other new physical exam and/or clinical abnormalities suggestive of cardiac dysfunction develop.

AGE

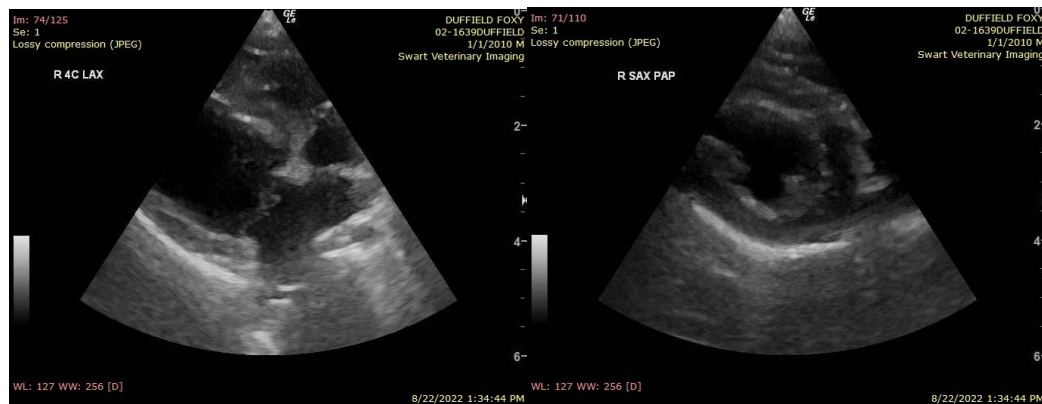
12 y

WEIGHT

5.8 lb

HOSPITAL NAME

Swart Veterinary
Imaging



REFERRING VET

Dr. Swart

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.

DATE

8/22/22

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.

PERFORMED BY:

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Dr. Meredith Swart

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