



RESENTING CLINICAL SIGNS

DATE History: Grade 5/6 murmur. Cough. Radiographs showed LAE and possible mild pulmonary edema. Cough has improved with benazepril 2.5 mg SID but has developed diarrhea.

4/17/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Meredith Swart

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is moderate 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 is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 34.7 mm
LVIDd - 34.6 mm
LVIDs - 20.1 mm
FS - 41.9%
RA - 20.8 mm
LVOT - 1.24 m/s
RVOT - 0.72 m/s

PATIENT

Chrissy Craig

ASSESSMENT/RECOMMENDATIONS

SPECIES

Degenerative mitral valve disease

Canine

This examination demonstrates regurgitation of blood across Chrissy's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Chrissy has moderate dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved.

BREED

Terrier Mix

Given the presence of moderate left atrial dilation, it's certainly possible that mainstem bronchial compression could be contributing to Chrissy's cough, and it wouldn't be surprising if she developed pulmonary edema, though that should accompanied by an increased respiratory rate/effort. In addition to coughing and CHF, Chrissy is at risk for the development of exercise intolerance and syncope, therefore, careful monitoring for these is recommended.

SEX

FS

I recommend starting Chrissy on pimobendan (2.5 mg am, 1.25 mg pm), as this medication should help to slow the progression of her mitral valve disease. Should radiographs suggest a cardiogenic cause of Chrissy's cough, a trial with furosemide (6.25 mg BID) and enalapril (3.75 mg BID) would be warranted.

AGE

9 y

A renal/electrolyte profile is recommended in 1-2 weeks if furosemide and enalapril are started and are to be used long-term. A recheck echocardiogram is recommended in 6-9 months.

WEIGHT

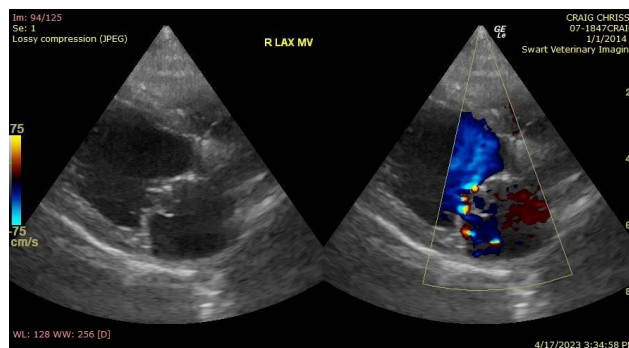
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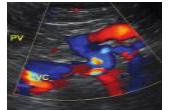
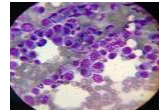
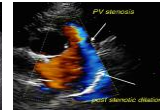
HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart





DATE 4/17/23 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: 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.

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

PATIENT

Chrissy Craig

SPECIES

Canine

BREED

Terrier Mix

SEX

FS

AGE

9 y

WEIGHT

16 lb

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