


ESENTING CLINICAL SIGNS
DATE

10/26/21

History: Cough. Recent radiographs showed cardiomegaly. Started on pimobendane (1.25 mg BID), enalapril (2.5 mg BID), and furosemide (12.5 mg BID). Furosemide just reduced to 12.5 mg SID. Coughing improved.

PERFORMED BY:
ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Dr. Meredith Swart

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit 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 pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Pixel Leyva

 LA - 25.8 mm
 LVIDd - 24.8 mm
 LVIDs - 12.3 mm
 FS - 50.4%
 LVOT - 0.74 m/s
 RVOT - 0.84 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Chihuahua Mix

This examination demonstrates regurgitation of blood across Pixel's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Pixel has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. Given the absence of more significant left atrial dilation, it's unlikely that mainstem bronchial compression is the primary contributor to Pixel's cough. Pixel's mitral valve disease is still compensated, however, he could become at risk for the development of left-sided congestive heart failure if his disease were to progress in the future.

SEX

MN

Pixel's current therapy with pimobendan is warranted based on this exam. As for furosemide and enalapril, it's unclear whether they are necessary at this time given that Pixel's cough is unlikely to be cardiogenic in origin, however, they may be continued if desired given that Pixel's cough has improved (though I would reduce the furosemide dose to ~1 mg/kg BID).

AGE

14 y

A renal/electrolyte profile is recommended in 1-2 weeks if furosemide and enalapril are continued. A recheck echocardiogram is recommended in 9 months. Repeat thoracic radiographs are recommended if clinical signs compatible with congestive heart failure develop.

WEIGHT

9.4 lb

HOSPITAL NAME

 Swart Veterinary
 Imaging

REFERRING VET

Dr. Swart



DATE

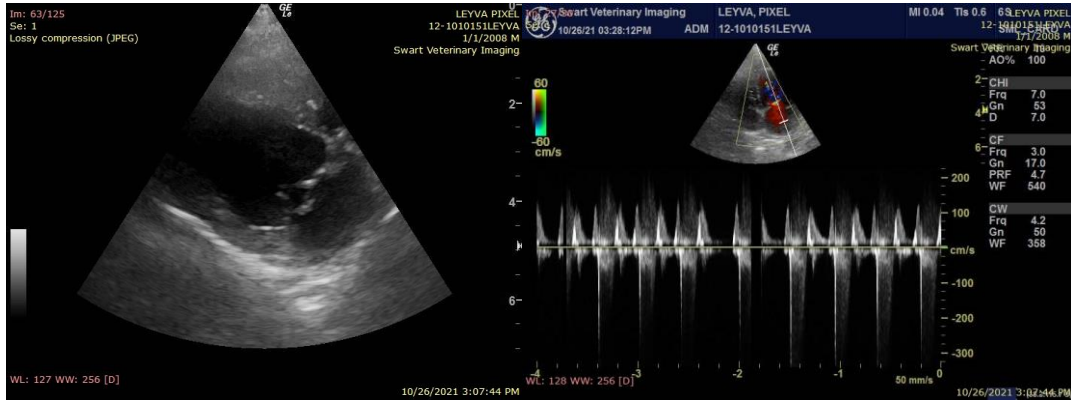
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PATIENT

Pixel Leyva

SPECIES

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9.4 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.

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.

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