



PRESENTING CLINICAL SIGNS

History: Grade 3-4/6 left apical systolic murmur. Receiving furosemide (20 mg BID).

DATE

11/22/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Sara Hansen

There is mild left atrial dilation. The mitral valve leaflets are thickened, and there is Doppler evidence of mitral regurgitation present. There is borderline mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. 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.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 27.7 mm
LVIDd - 25.5 mm
LVIDs - 13.4 mm
FS - 47.4%
RA - 15.8 mm
LVOT - 1.44 m/s
RVOT - 0.60 m/s

PATIENT

Lincoln Vanclave

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

SPECIES

Canine

HR: 90-200 bpm
Rhythm: Sinus

BREED

Dachshund

Normal sinus rhythm and sinus tachycardia are present in this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SEX

This examination demonstrates regurgitation of blood across Lincoln's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Lincoln has mild dilation of his left atrium and borderline mild dilation of his left ventricle, though his left ventricular systolic function is well-preserved. As only mild left atrial dilation is present, Lincoln's current risk for the development of left-sided congestive heart failure, as well as other clinical signs of cardiac dysfunction, such as coughing, exercise intolerance, and syncope, appears to be fairly low.

MN

AGE

10 y

No abnormalities are appreciated in Lincoln's ECG.

WEIGHT

13.18 lb

Thoracic radiographs would be warranted if Lincoln's panting today does not appear to be secondary to anxiety/stress.

HOSPITAL NAME

The Ark VC

I recommend starting Lincoln on pimobendan (1.25 mg BID), as this medication should help to slow the progression of his mitral valve disease. As for furosemide, no specific indication for its use is seen in this exam, however, the medication may be continued if Lincoln has experienced any clinical signs that improved with therapy.

A recheck echocardiogram is recommended in 6-9 months.

REFERRING VET

Dr. Cordes



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PATIENT

Lincoln Vanclave

SPECIES

Canine

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10 y

WEIGHT

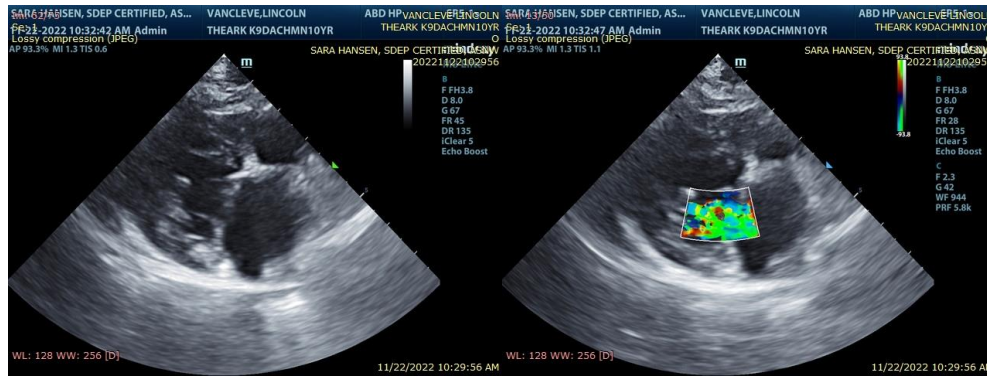
13.18 lb

HOSPITAL NAME

The Ark VC

REFERRING VET

Dr. Cordes



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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
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