

PATIENT PRESENTING CLINICAL SIGNS

Layla Budash

History: Worsening heart murmur, 4/6

SPECIES ECHOCARDIOGRAPHIC FINDINGS

Canine

2D, M-mode, and Doppler study.

BREED

Border Collie

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

SEX

FS

AGE

13 years

LA - 40.0 mm
LVIDd - 41.2 mm
LVIDs - 24.6 mm
FS - 40.3%
LVOT - 1.52 m/s
RVOT - 1.05 m/s

WEIGHT

33.4#

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM

HR: 100 bpm
Rhythm: Sinus arrhythmia

Sinus arrhythmia is present throughout this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

HOSPITAL NAME

Pocono Peak VC

This examination demonstrates moderate regurgitation of blood across Layla's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Layla has mild to moderate dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. Layla's mitral valve disease is still compensated, however, its severity indicates that she is at risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

REFERRING VET

Dr. Santore

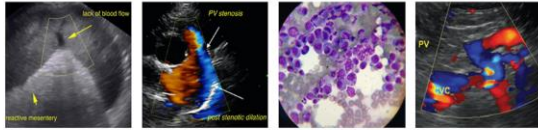
No pathologic arrhythmias are appreciated in Layla's ECG.

I recommend starting Layla on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of her mitral valve disease.

DATE

1.19.2022

A recheck echocardiogram is recommended in 6-9 months. Thoracic radiographs are recommended if Layla experiences respiratory clinical signs.



IMAGING PERFORMED BY
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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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