


ESENTING CLINICAL SIGNS
DATE

11/21/22

History: Previous echo in March 2019 showed degenerative valve disease with mild LAE. History of idiopathic systemic hypertension. Had been receiving amlodipine 7.5 mg SID and benazepril 10 mg SID, however, benazepril switched to telmisartan after developing gingival hyperplasia. Pre-anesthetic evaluation (dental). BP today 170 mmHg.

PERFORMED BY:

Dr. Meredith Swart

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is moderate left atrial dilation. The mitral valve leaflets are thickened, and 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.

PATIENT

Beau Penn

LA - 60.0 mm
 LVIDd - 60.2 mm
 LVIDs - 37.8 mm
 FS - 37.2%
 RA - 29.5 mm
 LVOT - 1.34 m/s
 RVOT - 0.83 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Goldendoodle

This examination demonstrates some progression of Beau's mitral valve disease over the past 3.5 years, as he now has moderate dilation of both his left atrium and left ventricle. Given this, Beau is at risk for the development of clinical signs secondary to his disease, such as coughing, exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

SEX

MN

Beau's cardiovascular risk for general anesthesia is moderately increased based on this exam, therefore, precautions should be taken in order to minimize this risk. I recommend avoiding the use of alpha-2 agonists, ketamine, and telazol in the anesthetic protocol, as well as reducing the IV fluid rate by 50%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

AGE

9 y

I recommend starting Beau on pimobendan (7.5 mg BID), as this medication should help to slow the progression of his mitral valve disease, as well as decrease his risk for general anesthesia.

WEIGHT

69 lb

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

HOSPITAL NAME

 Swart Veterinary
 Imaging

REFERRING VET

Dr. Swart



DATE

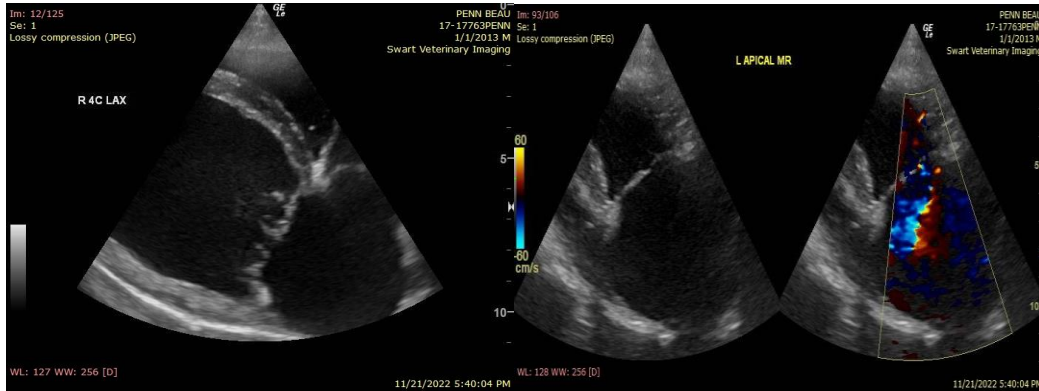
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Beau Penn

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.

SPECIES

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631-804-5754

Canine

BREED

Goldendoodle

SEX

MN

AGE

9 y

WEIGHT

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HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart