



PRESENTING CLINICAL SIGNS

DATE History: Grade 2-3/6 murmur. Asymptomatic.

12/22/22 **ECHOCARDIOGRAPHIC FINDINGS**
2D, M-mode, and Doppler study.

PERFORMED BY: There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild 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 heartworms are visualized. No pericardial effusion or cardiac masses are seen.

Kelly Vazquez

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 22.6 mm
LVIDd - 21.8 mm
LVIDs - 12.8 mm
FS - 41.2%
RA - 14.7 mm
LVOT - 1.20 m/s
RVOT - 0.80 m/s

PATIENT

Louis Jung

ASSESSMENT/RECOMMENDATIONS

SPECIES Degenerative mitral valve disease

Canine

This examination demonstrates mild to moderate regurgitation of blood across Louis's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Louis has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Louis's current risk for the development of clinical signs secondary to his disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended going forward.

BREED

Maltese

SEX

Louis's cardiovascular risk for general anesthesia is mildly increased based on this exam, therefore, some 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 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

MN

AGE

9 y

I recommend starting Louis on pimobendan (0.625 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

5.4 lb

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

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Tierney



DATE

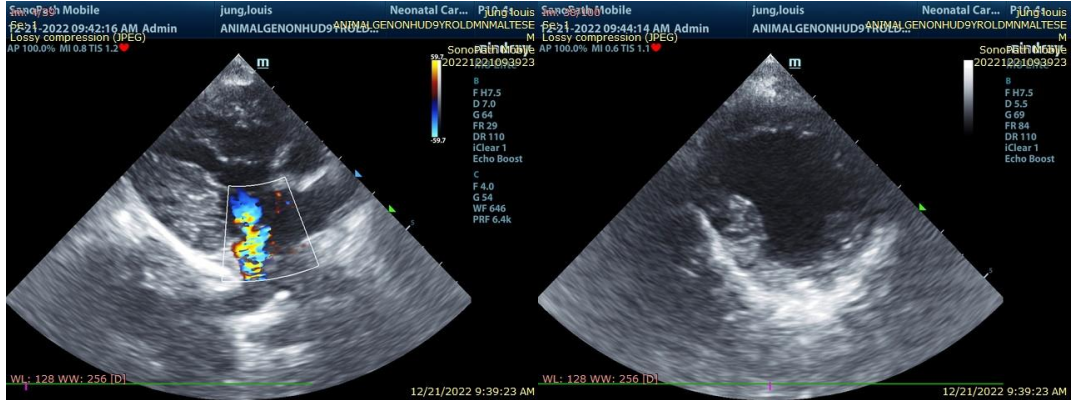
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

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.

Louis Jung

SPECIES

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631-804-5754

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