


RESENTING CLINICAL SIGNS

DATE History: Grade 4/6 murmur. Recently started coughing. Pre-anesthetic evaluation (neuter).

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

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

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 34.3 mm
LVIDd - 34.3 mm
LVIDs - 18.3 mm
FS - 46.6%

PATIENT

Walter Peaceable
Kingdom

RA - 23.4 mm
LVOT - 1.02 m/s
RVOT - 0.71 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

This examination demonstrates moderate regurgitation of blood across Walter's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Walter has mild to moderate dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. Given the presence of mild to moderate left atrial dilation, it's possible that mainstem bronchial compression could be contributing to Walter's cough. In addition to coughing, Walter is at risk for the development of exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

BREED

Chihuahua

Walter's cardiovascular risk for general anesthesia is mildly to 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.

SEX

M

AGE

7 y

I recommend starting Walter on pimobendan (0.25-0.3 mg/kg BID), as this medication should slow the progression of his mitral valve disease, improve any cardiogenic component of his cough, and decrease his risk for anesthesia.

A recheck (X-ray +/- echocardiogram) is recommended in 6-9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

WEIGHT
HOSPITAL NAME

Warren AH

REFERRING VET

Dr. Bauer



DATE

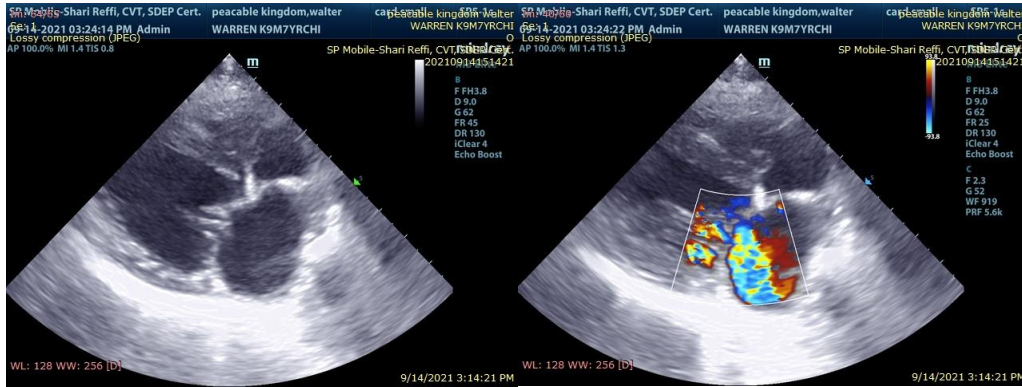
9/16/21

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PATIENT

Walter Peaceable
Kingdom

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.

SPECIES

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631-804-5754

Canine

BREED

Chihuahua

SEX

M

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Dr. Bauer