



PRESENTING CLINICAL SIGNS

History: New grade 2/6 murmur. CXR unremarkable.

DATE

11/25/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Jenna Walsh, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. 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, 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.

LA - 41.5 mm
LVIDd - 41.3 mm
LVIDs - 28.1 mm
FS - 32%
LVOT - 2.00 m/s
RVOT - 1.15 m/s

PATIENT

Misty Buss

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

SPECIES

Canine

HR: 114 bpm
Rhythm: Sinus arrhythmia

BREED

Bull Mastiff

Sinus arrhythmia is present throughout 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

FS

This examination demonstrates mild regurgitation of blood across Misty's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Misty does not have secondary dilation of either of her left heart chambers, and her left ventricular systolic function is normal. As such, Misty's mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be low.

AGE

5 y

No abnormalities are appreciated in Misty's ECG.

No therapy is recommended at this stage of Misty's mitral valve disease.

WEIGHT

133.4 lb

A recheck echocardiogram is recommended in ~6 months to monitor for disease progression.

HOSPITAL NAME

VCA McKenzie AH

REFERRING VET

Dr. Arpaia



DATE

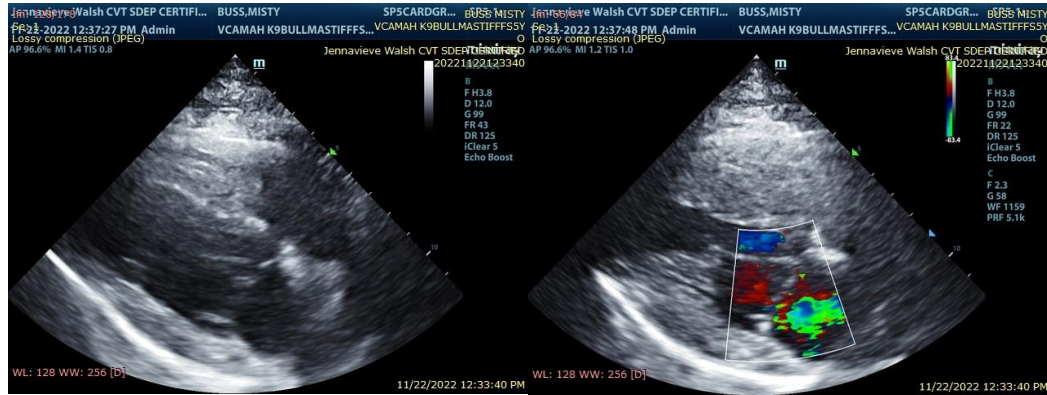
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Misty Buss

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

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

Canine

BREED

Bull Mastiff

SEX

FS

AGE

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WEIGHT

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