



PRESENTING CLINICAL SIGNS

History: Grade 3-4/6 left-sided murmur. Asymptomatic.

DATE

9/11/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Brian Barnes

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild to moderate left atrial dilation. The mitral valve leaflets are mildly thickened, and 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 are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve appear normal, though trivial pulmonic insufficiency is present. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus arrhythmia

PATIENT

Harley Boulton

LA - 42.1 mm
LVIDd - 41.7 mm
LVIDs - 26.4 mm
FS - 36.8%
RA - 30.0 mm
LVOT - 1.69 m/s
RVOT - 0.90 m/s
MR - 5.39 m/s
TR - 2.65 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

BREED

Beagle

Degenerative mitral and tricuspid valve disease

This examination demonstrates regurgitation of blood across Harley's mitral and tricuspid valves resulting from degenerative valve disease. Harley's tricuspid valve disease is mild, and appears to be well-compensated at this time. His mitral valve disease is more advanced, as Harley has moderate mitral regurgitation present, with mild to moderate secondary dilation of both his left atrium and left ventricle. Harley's mitral valve disease is still compensated, however, he 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.

SEX

MN

AGE

9 y

I recommend starting Harley on pimobendan (5 mg BID), as this medication should help to slow the progression of his valvular diseases.

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

WEIGHT

16.7 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes



DATE

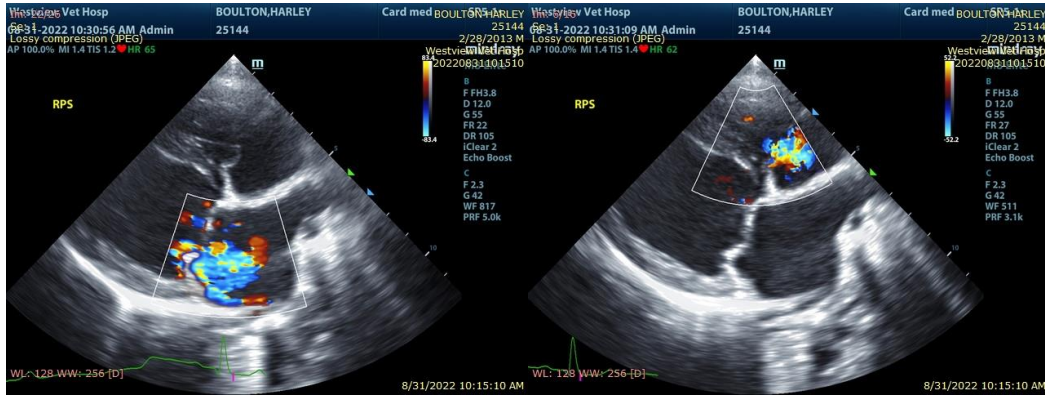
9/11/22

PERFORMED BY:

Dr. Brian Barnes

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



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.

PATIENT

Harley Boulton

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

SPECIES

Canine

BREED

Beagle

SEX

MN

AGE

9 y

WEIGHT

16.7 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr.Barnes