

PRESENTING CLINICAL SIGNS

History: Recheck DMVD (most recent echo 11/9/18). Also has history of vacuolar hepatopathy and proteinuria. BP 158/79 MAP 129.

DATE

9/4/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 11/9/18.

PERFORMED BY:

Dr. Brian Barnes

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened and exhibit mild systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic appear normal, though trace aortic insufficiency is present. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ECG during echo: Sinus arrhythmia

PATIENT

Riley Tait

LA - 30.3 mm (prev. 28.4 mm)
LVIDd - 29.8 mm (prev. 26.5 mm)
LVIDs - 14.3 mm (prev. 14.4 mm)
FS - 52% (prev. 45.6%)
LVOT - 1.29 m/s (prev. 1.55 m/s)
RVOT - 0.88 m/s (prev. 1.01 m/s)
TR - 2.50 m/s (prev. 2.62 m/s)

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Shih Tzu

This examination demonstrates very mild progression of Riley's mitral valve disease over the past 3 years, as he now has mild secondary dilation of both his left atrium and left ventricle. While very mild progression has occurred, Riley's mitral valve disease still appears to be well-compensated, and his current risk for the development of clinical signs secondary to his disease still appears to be relatively low.

SEX

MN

New to today's exam is mild regurgitation of blood across Riley's tricuspid valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, and Riley's tricuspid valve disease appears to be well-compensated.

AGE

11 y

I recommend starting Riley on pimobendan (2.5 mg BID), as this medication has been shown to delay progression at this stage of Riley's mitral valve disease.

A recheck (Xray +/- echocardiogram) is recommended in 9-12 months, sooner if clinical signs compatible with cardiac dysfunction develop.

WEIGHT

9.3 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes



DATE

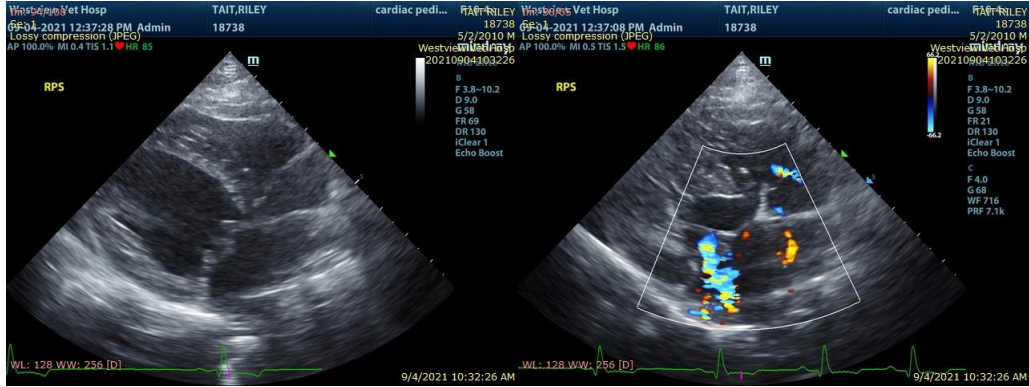
9/4/21

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

Riley Tait

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com

SPECIES

631-804-5754

Canine

BREED

Shih Tzu

SEX

MN

AGE

11 y

WEIGHT

9.3 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes