



PRESENTING CLINICAL SIGNS

DATE History: Grade IV/VI murmur. Occasional cough.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Michelle Bartus

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve appear normal. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA/Ao - 1.69
LVIDd - 29.1 mm
LVIDs - 12.2 mm
FS - 58%

PATIENT

Sidney Lytle

LVOT - 1.08 m/s
RVOT - 0.98 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

This examination demonstrates regurgitation of blood across Sidney's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Sidney 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, Sidney's current risk for the development of left-sided congestive heart failure appears to be relatively low, and it's unlikely that his occasional cough is cardiogenic in origin.

BREED

Shih Tzu Mix

I recommend starting Sidney on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease, as well as improve any potential cardiogenic component of his cough.

SEX

MN

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Sidney's cough worsens, or he experiences an increased respiratory rate/effort.

AGE

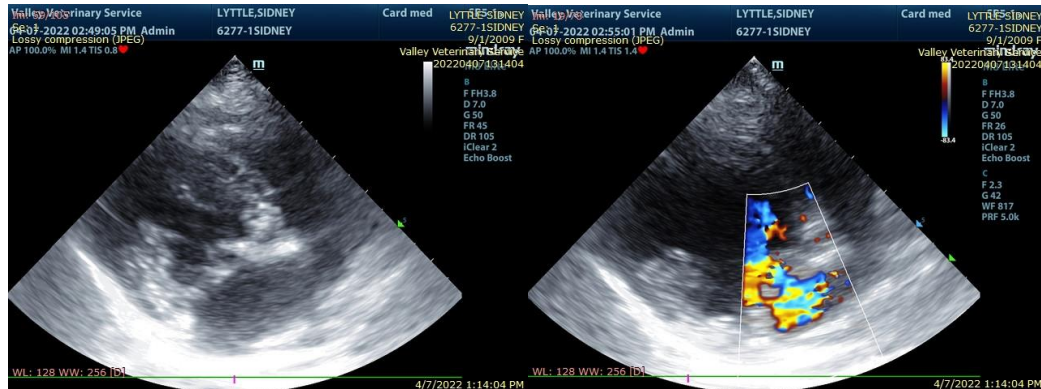
12 y

WEIGHT

19.4 lb

HOSPITAL NAME

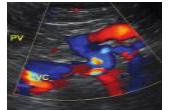
Valley Veterinary
Service



REFERRING VET

Dr. Bartus

The information and recommendations provided are based on the images presented by the



DATE referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

4/11/22 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.

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

Dr. Michelle Bartus

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Sidney Lytle

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

MN

AGE

12 y

WEIGHT

19.4 lb

HOSPITAL NAME

Valley Veterinary
Service

REFERRING VET

Dr. Bartus