


PRESENTING CLINICAL SIGNS

DATE History: Diagnosed with stage B2 degenerative valve disease and mild to moderate PH in 2021. Receiving pimobendan 1.875 mg BID. Asymptomatic.
12/1/22

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY:

2D, M-mode, and Doppler study.

Dr. Meredith Swart

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve appear normal, though mild aortic insufficiency is present. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of tricuspid regurgitation present. TR velocity is consistent with the presence of mild pulmonary hypertension (PG 39.9 mmHg). The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Beeny Kotovets

LA - 36.2 mm
LVIDd - 33.1 mm
LVIDs - 18.4 mm
FS - 44.4%
RA - 23.6 mm
LVOT - 1.87 m/s
RVOT - 0.89 m/s
TR - 3.16 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

BREED

Boston Terrier

Degenerative mitral and tricuspid valve disease
Pulmonary hypertension

SEX

MN

AGE

13 y

WEIGHT

16 lb

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

Beeny's pulmonary hypertension appears to be mild in today's exam.

Continued use of pimobendan is warranted based on this exam. No additional therapy has been proven to be beneficial at this stage of Beeny's valvular diseases. No therapy is recommended for Beeny's pulmonary hypertension at this time.

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

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart



DATE

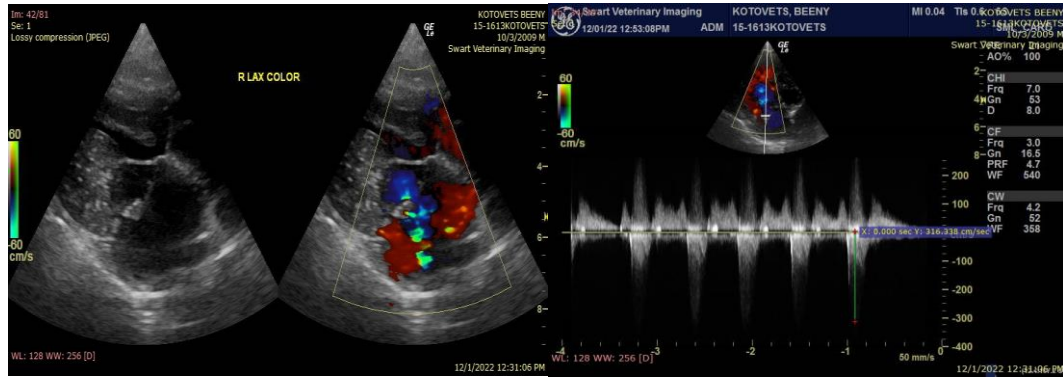
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PATIENT

Beeny Kotovets

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

Canine

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

BREED

Boston Terrier

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