


PRESENTING CLINICAL SIGNS

History: Grade III/VI left-sided murmur, gallop sound heard in December. Hyperthyroid – controlled with oral tapazole. BNP 299. CXR WNL.

DATE

1/25/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

T. Tenorio, DVM

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is mild left atrial dilation. The mitral valve appears normal. There is mild hypertrophy of the interventricular septum. Left ventricular posterior wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. There is mild dynamic obstruction to flow in the right ventricular outflow tract. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Buddy Kuehl

SPECIES

Feline

LA – 16.5 mm
 IVSd – 6.0 mm
 LVPWd – 5.3 mm
 LVIDd – 12.3 mm
 LVIDs – 5.4 mm
 FS – 56%
 RA – 9.5 mm
 LVOT – 1.64 m/s
 RVOT – 1.82 m/s

ASSESSMENT/RECOMMENDATIONS
BREED
DSH
SEX
MN
AGE

16 y

WEIGHT

10.06 lb

HOSPITAL NAME

Wauwatosa Vet

REFERRING VET

Dr. Haynes

This examination demonstrates mild hypertrophy of Buddy's interventricular septum, which could either be due to the presence of hypertrophic cardiomyopathy (HCM) or be secondary to his previously diagnosed hyperthyroidism. Secondary to the hypertrophy, Buddy has mild dilation of his left atrium. As only mild dilation is present, Buddy's current risk for the development of congestive heart failure and/or thromboembolic disease does not appear to be significantly increased, though careful monitoring for the development of clinical signs associated with these conditions is recommended.

Buddy's murmur is due to the presence of mild dynamic obstruction to flow in his right ventricular outflow tract, which is a common cause of a functional/innocent murmur in cats.

I recommend starting Buddy on clopidogrel (18.75 mg SID), as this medication should help to reduce his risk for cardiac thrombus formation.

A recheck echocardiogram is recommended in ~6 months. Thoracic radiographs are recommended if Buddy experiences difficulty breathing.



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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

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.

Buddy Kuehl

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

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