


PRESENTING CLINICAL SIGNS

History: Previously diagnosed with HCM. Grade 2/6 murmur. Hiding more.

DATE

3/6/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Tom McNeil

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

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

PATIENT

Zeke Biancalana

LA – 1.44
 IVSd – 6.6 mm
 LVPWd – 6.1 mm
 LVIDd – 12.6 mm
 LVIDs – 5.8 mm
 FS – 54%
 RVOT – 1.85 m/s

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

SPECIES

Feline

HR: 230 bpm
 Rhythm: Sinus tachycardia

BREED

Sinus tachycardia is present throughout this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

DSH
ASSESSMENT/RECOMMENDATIONS

Hypertrophic cardiomyopathy (HCM)

SEX

This examination demonstrates hypertrophy of Zeke's left ventricular walls, consistent with his previous diagnosis of HCM. The hemodynamic effects of the hypertrophy appear to be mild at present, as Zeke does not have secondary dilation of his left atrium, indicating that this current risk for the development of congestive heart failure and/or thromboembolic disease appears to be low.

MN
AGE

13 y

Zeke's murmur appears to be due to the presence of mild dynamic obstruction to flow in his right ventricular outflow tract, which is a common reason for a functional/innocent murmur to develop in cats.

WEIGHT

13.28 lb

No therapy is recommended at this stage of disease.

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

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

Brook Falls VH



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PATIENT

Zeke Biancalana

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

Feline

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

BREED

DSH

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MN

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