

PRESENTING CLINICAL SIGNS

History: Grade II/VI murmur, increased RR (suspected to be due to anxiety), clear lungs. BNP 233.

DATE

1/20/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Gromalak

There is mild left atrial dilation. The mitral valve appears normal. Left ventricular 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. 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)

LA/Ao – 1.60
IVSd – 5.0 mm
LVPWd – 5.0 mm
LVIDd – 13.5 mm
LVIDs – 6.0 mm
FS – 55.5%
LVOT – 1.03 m/s
RVOT – 0.89 m/s

PATIENT

Casper Hayse

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

SPECIES

Feline

HR: 214 bpm
Rhythm: Sinus

BREED

Mild 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

RADIOGRAPHIC FINDINGS

Three-view thoracic radiographs are submitted for review.

SEX

The cardiac silhouette is normal in size, with no specific chamber enlargement present. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. The trachea is normal. The remainder of the thorax is unremarkable.

MN

ASSESSMENT/RECOMMENDATIONS

AGE

15 y

Casper's echocardiogram demonstrates mild dilation of his left atrium, with differentials for this finding including a restrictive cardiomyopathy (RCM), atrial myopathy, and cardiac thyrotoxicosis. Casper's radiographs show that his cardiac disease is still compensated, therefore, it does not appear that his increased respiratory rate during his exam is cardiogenic in origin, however, careful monitoring for the development of respiratory difficulty at home is recommended, as is for the development of clinical signs of thromboembolic disease (ex. dragging limbs).

WEIGHT

12.3 lb

No abnormalities are appreciated in Casper's ECG.

HOSPITAL NAME

SVS Imaging

A T4 level is recommended.

REFERRING VET

Dr. Stengel

Casper's cardiovascular risk for general anesthesia is mildly to moderately increased based on the presence of mild left atrial dilation, therefore, precautions should be taken in order to minimize this risk. I recommend avoiding the use of alpha-2 agonists, ketamine, and telazol in the anesthetic.



protocol, as well as reducing the IV fluid rate by 25-50%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

DATE

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I recommend starting Casper 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. Repeat radiographs are recommended if Casper experiences difficulty breathing.

PERFORMED BY:

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PATIENT

Casper Hayse

SPECIES

Feline

BREED

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AGE

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WEIGHT

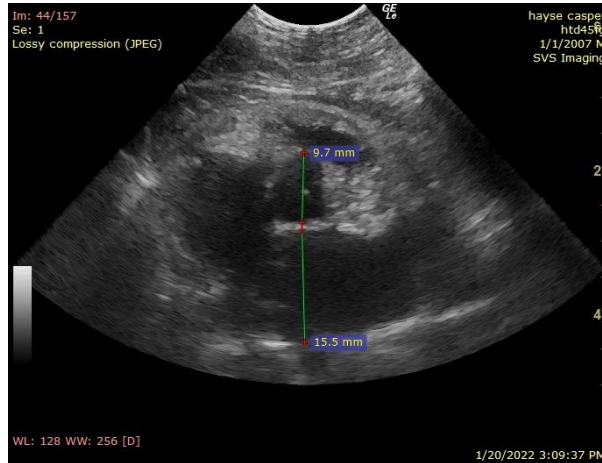
12.3 lb

HOSPITAL NAME

SVS Imaging

REFERRING VET

Dr. Stengel



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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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