



PRESENTING CLINICAL SIGNS

History: Coughing for ~1 month. Rads – VHVS 12.5. Started on Vetmedin on 12/21/22.

DATE

12/23/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Rachel Runnells, RVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though there is increased flow velocity in the ascending aorta, as well as trace aortic insufficiency. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA – 34.4 mm
LVIDd – 37.6 mm
LVIDs – 23.2 mm
FS – 38%
RA – 13.3 mm
LVOT – 3.46 m/s
RVOT – 1.36 m/s

PATIENT

Oakley Schupman

SPECIES ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

Canine

HR: 100-150 bpm
Rhythm: Sinus

BREED

Boxer

Normal sinus rhythm/mild sinus tachycardia is present in this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

RADIOGRAPHIC FINDINGS

A right lateral thoracic radiograph is submitted for review.

SEX

MN

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.

AGE ASSESSMENT/RECOMMENDATIONS

6 y

Oakley's echocardiogram demonstrates increased flow velocity in his aorta. While no lesions are visible via 2D imaging, the velocity is suggestive of the presence of mild subaortic/aortic stenosis. Mild stenosis is typically very well-tolerated in dogs, therefore, it's likely that Oakley will remain asymptomatic for it, though careful monitoring for progressive cardiac remodeling is recommended.

WEIGHT

73.2 lb

HOSPITAL NAME

SVS Imaging KC

No reason for Oakley's cough is appreciated in his echocardiogram, nor is one seen in his radiographs. Given this, consideration should be given to allergic/inflammatory airway disease as a possible cause of his cough.

No abnormalities are appreciated in Oakley's ECG.

REFERRING VET

Dr. Weingartner

No cardiac therapy is recommended based on these exams.



A recheck echocardiogram is recommended in 9-12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

DATE

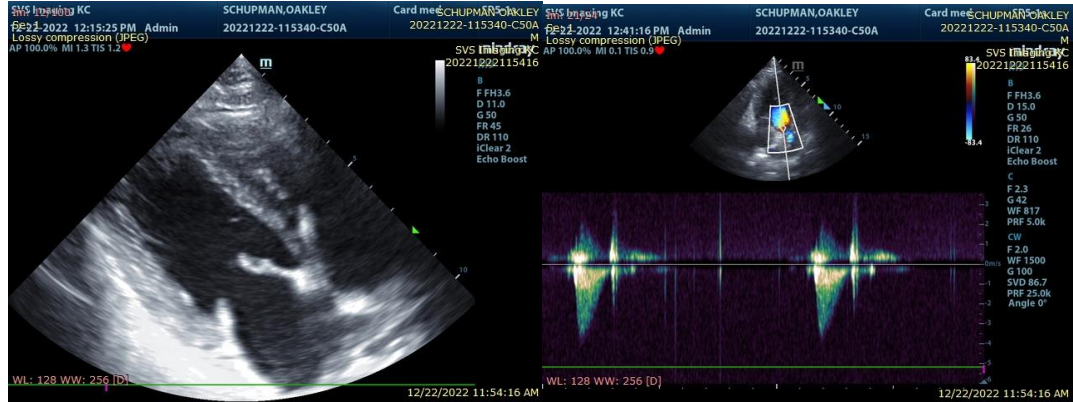
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PATIENT

Oakely Schupman

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.

SPECIES

Canine

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)
KeithBlass@gmail.com
631-804-5754

BREED

Boxer

SEX

MN

AGE

6 y

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