



PRESENTING CLINICAL SIGNS

History: Presented with kennel cough. Started on doxycycline, Hycodan, and Baytril with no resolution. No murmur.

DATE

1/27/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Kim Liedberg

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. 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 pericardial effusion or cardiac masses are seen.

PATIENT

Sam Sheppard

LA - 36.6 mm
LVIDd - 35.0 mm
LVIDs - 21.0 mm
FS - 40%
RA - 24.4 mm
LVOT - 1.31 m/s
RVOT - 1.00 m/s

SPECIES

Canine

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 120 bpm
Rhythm: Sinus

BREED

Beagle

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

RADIOGRAPHIC FINDINGS

SEX

Orthogonal thoracic radiographs are submitted for review.

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

8 y

ASSESSMENT/RECOMMENDATIONS

WEIGHT

41 lb

Sam's echocardiogram demonstrates mild regurgitation of blood across his mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Sam does not have secondary dilation of either of his left heart chambers. As such, Sam's mitral valve disease appears to be well-compensated, and it does not appear to be contributing to his cough.

HOSPITAL NAME

SVS Imaging WI

No reason for Sam's cough is appreciated in his radiographs, though, if the cough persists, consideration should be given to the presence of allergic/inflammatory airway disease or viral disease as possible causes.

No abnormalities are appreciated in Sam's ECG.

REFERRING VET

Dr. Beyer



No therapy is recommended at this stage of Sam's mitral valve disease.

DATE A recheck echocardiogram is recommended in 6 months to monitor for disease progression.

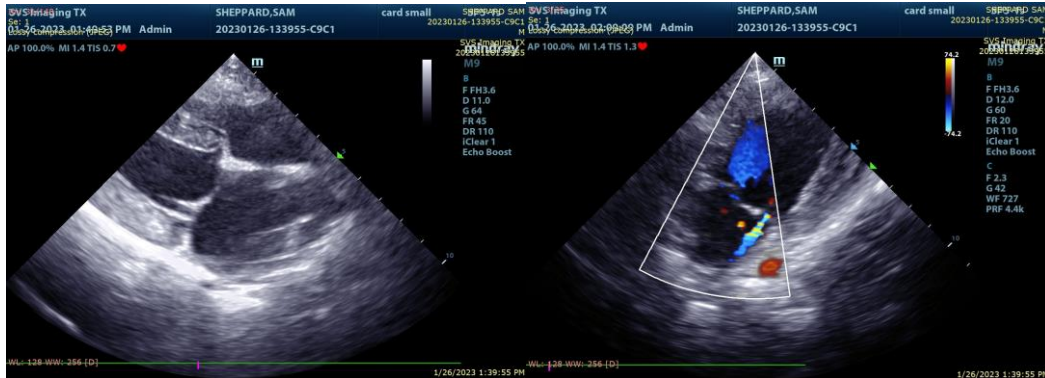
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PATIENT

Sam Sheppard

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

Beagle

SEX

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AGE

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HOSPITAL NAME

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REFERRING VET

Dr. Beyer