



PRESENTING CLINICAL SIGNS

History: BNP 995. Litter mate passed away suddenly.

DATE

8/22/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Amy Mayhew, LVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve is normal. The left ventricular diastolic dimension is normal. Left ventricular systolic function is measures just below the lower limit of normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA - 48.7 mm
LVIDd - 49.6 mm
LVIDs - 37.8 mm
FS - 23.8%
RA - 37.9 mm
LVOT - 1.60 m/s
RVOT - 1.24 m/s

PATIENT

David Jay Nyikes

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

SPECIES

Canine

HR: 150 bpm
Rhythm: Sinus

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

BREED

Great Dane

ASSESSMENT/RECOMMENDATIONS

David's echocardiogram is equivocal for the presence of dilated cardiomyopathy (DCM). His left ventricular systolic function measures just below the lower limit of the normal reference interval of 25%, however, it's possible that some giant breed dogs can have normal function and fall slightly outside of the reference interval, therefore, it's unclear whether this is the case with David or whether very mild myocardial dysfunction is present. In either case, David does not have secondary dilation of his left heart chambers, therefore, his current risk for the development of clinical signs of cardiac dysfunction, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be low.

SEX

M

AGE

15 mo

Given the possible presence of mild systolic dysfunction, I recommend starting David on pimobendan (20 ng BID), as this medication will help to support his myocardial function.

WEIGHT

170 lb

A recheck echocardiogram is recommended in 6 months.

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

Kimball AH



DATE

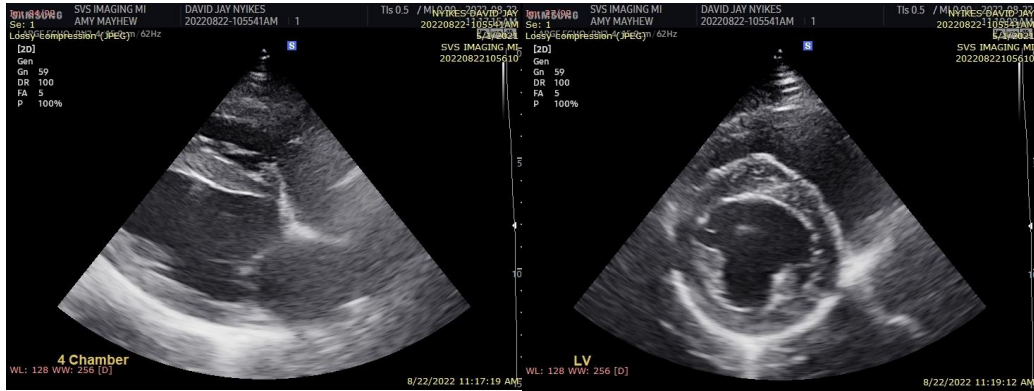
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

David Jay Nyikes

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

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