



PRESENTING CLINICAL SIGNS

DATE History: Grade 3/6 left apical systolic murmur with radiation to the right. Increased resting respiratory rate at home. Lungs sound clear.

11/25/22

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.

Tom McNeill

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular 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 is 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 - 34.0 mm
LVIDd - 32.3 mm
LVIDs - 16.8 mm
FS - 48%
RA - 27.8 mm
LVOT - 1.50 m/s
RVOT - 0.88 m/s

PATIENT

Lieudeke Syverson

ASSESSMENT/RECOMMENDATIONS

SPECIES

Canine

Degenerative mitral valve disease
This examination demonstrates mild regurgitation of blood across Lieudeke's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Lieudeke does not have secondary dilation of either of his left heart chambers, and his left ventricular systolic function is well-preserved. As such, Lieudeke's mitral valve disease appears to be well-compensated, and his increased resting respiratory rate is unlikely to be cardiogenic in origin.

BREED

Wirehaired Fox
Terrier

Thoracic radiographs may be warranted to evaluate Lieudeke's increased resting respiratory rate.

SEX

No therapy appears to be warranted at this stage of Lieudeke's mitral valve disease.

MN

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

AGE

13 y

WEIGHT

35.4 lb

HOSPITAL NAME

SVS Imaging CT



REFERRING VET

Dr. Ludwig

The information and recommendations provided are based on the images presented by the



DATE referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

11/25/22 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.

PERFORMED BY: Keith Blass, DVM, MS, DACVIM (Cardiology)
Tom McNeill KeithBlass@gmail.com
631-804-5754

INTERPRETED BY
Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT
Lieudeke Syverson

SPECIES
Canine

BREED
Wirehaired Fox
Terrier

SEX
MN

AGE
13 y

WEIGHT
35.4 lb

HOSPITAL NAME
SVS Imaging CT

REFERRING VET
Dr. Ludwig