



PRESENTING CLINICAL SIGNS

DATE History: History of DMVD and moderate LAE. Receiving pimobendan. Pre-anesthetic evaluation.

2/2/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Kelly Vazquez

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation present. There is mild left ventricular dilation. 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, though trace tricuspid regurgitation is present. 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 - 33.2 mm
LVIDd - 33.0 mm
LVIDs - 15.1 mm
FS - 54%
RA - 22.5 mm
LVOT - 2.41 m/s
RVOT - 1.79 m/s

PATIENT

Louie Tegeleci

ASSESSMENT/RECOMMENDATIONS

SPECIES

Degenerative mitral valve disease

Canine

This examination demonstrates mild improvement compared to last year's echocardiogram, as Louie has only mild dilation of his left atrium in today's exam, compared to moderate dilation one year ago. As only mild dilation is now present, Louie's mitral valve disease appears to be well-compensated, and his current risk for the development of clinical signs secondary to it appears to be relatively low.

BREED

Beagle

Louie's cardiovascular risk for general anesthesia is mildly increased based on this exam, therefore, some 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 at least 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

SEX

MN

No change in therapy is recommended based on this exam.

AGE

9 y

A recheck echocardiogram is recommended in 9-12 months. Thoracic radiographs are recommended if Louie experiences respiratory clinical signs.

WEIGHT

34.8 lb

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Tierney



DATE

2/2/22

PERFORMED BY:

Kelly Vazquez

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Louie Tegeleci

SPECIES

Canine

BREED

Beagle

SEX

MN

AGE

9 y

WEIGHT

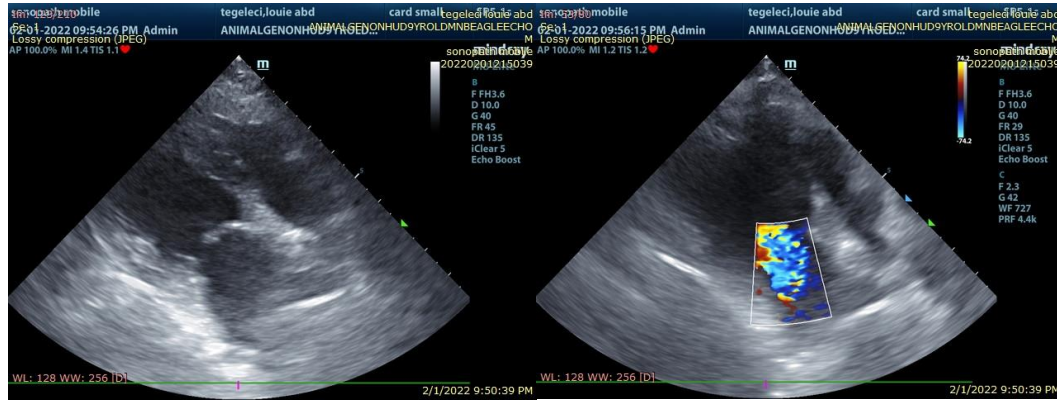
34.8 lb

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Tierney



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)
KeithBlass@gmail.com
631-804-5754