
RESENTING CLINICAL SIGNS

DATE History: Grade 3/6 murmur. Pre-anesthetic evaluation (dental). ECG – normal sinus rhythm.

10/1/21 **ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

PERFORMED BY:

Loetitia Saint-Jacques, LVT

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA – 35.9 mm
LVIDd – 35.7 mm
LVIDs – 20.5 mm
FS – 42.6%
LVOT – 1.92 m/s
RVOT – 0.99 m/s

PATIENT

Loki Klipper

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

This examination demonstrates mild to moderate mitral regurgitation resulting from degenerative valve disease. Secondary to his regurgitation, Loki has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Loki's mitral valve disease appears to be well-compensated, and his current risk for the development of clinical signs secondary to his disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low.

BREED

JRT

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

SEX

MN

I recommend starting Loki on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of his mitral valve disease, as well as decrease his risk for general anesthesia.

AGE

8 y

A recheck (X-ray +/- echocardiogram) is recommended in 6-9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

WEIGHT

33.2 lb

HOSPITAL NAME

Valley VC

REFERRING VET

Dr. Plateman



DATE

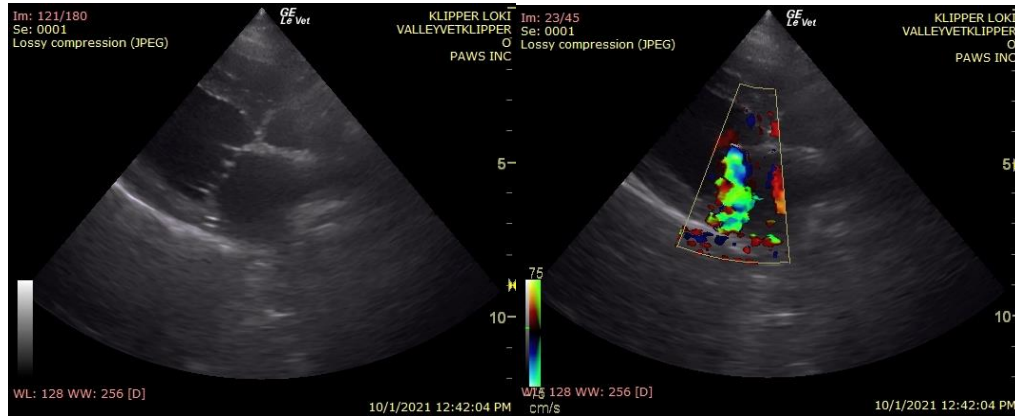
10/1/21

PERFORMED BY:

Loetitia Saint-Jacques, LVT

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MS, DACVIM
(Cardiology)



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

Loki Klipper

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

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