



PRESENTING CLINICAL SIGNS

DATE History: Grade III left-sided murmur. Pre-anesthetic evaluation (dental).

12/2/22 **ECHOCARDIOGRAPHIC FINDINGS**
2D, M-mode, and Doppler study.

PERFORMED BY: Left atrial size appears normal. The mitral valve leaflets are mildly thickened, and there is color Doppler evidence of mitral regurgitation present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. Right atrial and right ventricular dimensions appear normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

Dr. Meredith Swart
INTERPRETED BY
Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LVIDd – 16.1 mm
LVIDs – 8.8 mm
FS – 45%
LVOT – 1.23 m/s
RVOT – 1.05 m/s

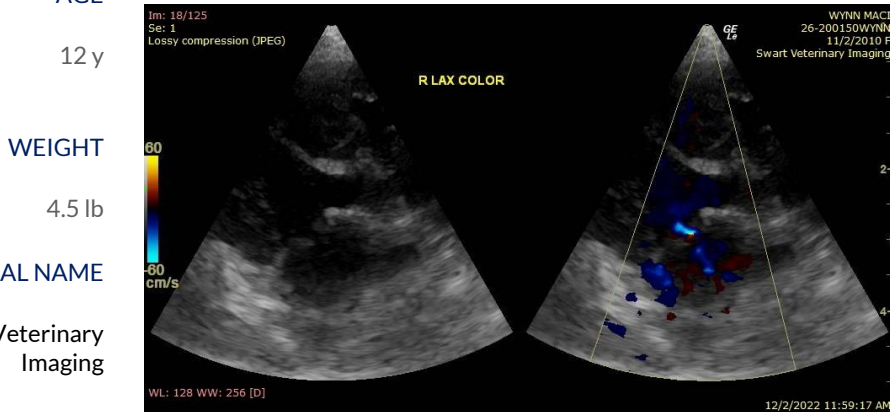
PATIENT
Maci Wynn
ASSESSMENT/RECOMMENDATIONS
Degenerative mitral valve disease

SPECIES This examination demonstrates regurgitation of blood across Maci’s mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation appear to be mild, as Maci does not have secondary dilation of either of her left heart chambers, and her left ventricular systolic function is well-preserved. As such, Maci’s mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be low.

BREED Chihuahua
Maci’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 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

SEX FS
No therapy is recommended at this stage of disease.

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



REFERRING VET
Dr. Swart



DATE

12/2/22

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.

PERFORMED BY:

Dr. Meredith Swart

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.

INTERPRETED BY

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

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Maci Wynn

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

12 y

WEIGHT

4.5 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart