


PRESENTING CLINICAL SIGNS

DATE History: Grade 5/6 murmur. Receiving pimobendan 5 mg BID. Pre-anesthetic evaluation (dental).

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

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, as is left ventricular systolic function. 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.

Loetitia Saint-Jacques, RVT, LVT

INTERPRETED BY

LA - 40.0 mm
 LVIDd - 40.9 mm
 LVIDs - 25.3 mm
 FS - 38%
 RA - 27.0 mm
 LVOT - 1.55 m/s
 RVOT - 1.00 m/s

Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

PATIENT

Zepplin Sotelo

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is submitted for review.

SPECIES

HR: 120 bpm
 Rhythm: Sinus

Canine

Normal sinus rhythm is present throughout this recording. The MEA is normal. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

BREED

Pitbull

RADIOGRAPHIC FINDINGS

Three-view thoracic radiographs are submitted for review.

SEX

The cardiac silhouette is normal in size, with no specific chamber enlargement present. The pulmonary vessels are within normal limits. There are mild age-related pulmonary bronchial markings. The pleural space is unremarkable. The trachea is normal. The remainder of the thorax is unremarkable.

MI

ASSESSMENT/RECOMMENDATIONS
AGE

Degenerative mitral valve disease

13 y

Zepplin's echocardiogram demonstrates mild regurgitation of blood across his mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Zepplin does not have secondary dilation of either of his left heart chambers, and his left ventricular systolic function is normal. As such, Zepplin'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 low.

WEIGHT

62.2 lb

HOSPITAL NAME

Zepplin's ECG and thoracic radiographs are unremarkable.

Alpine AH

Zepplin's cardiovascular risk for general anesthesia is only mildly increased based on this exam, though I still recommend avoiding the use of alpha-2 agonists in the anesthetic protocol and reducing the IV fluid rate by 15% as precautions.

REFERRING VET

Dr. Sjloin



DATE While Zeppelin's current therapy with pimobendan may be continued if desired, there is no evidence that any medical therapy is beneficial at this stage of his mitral valve disease.

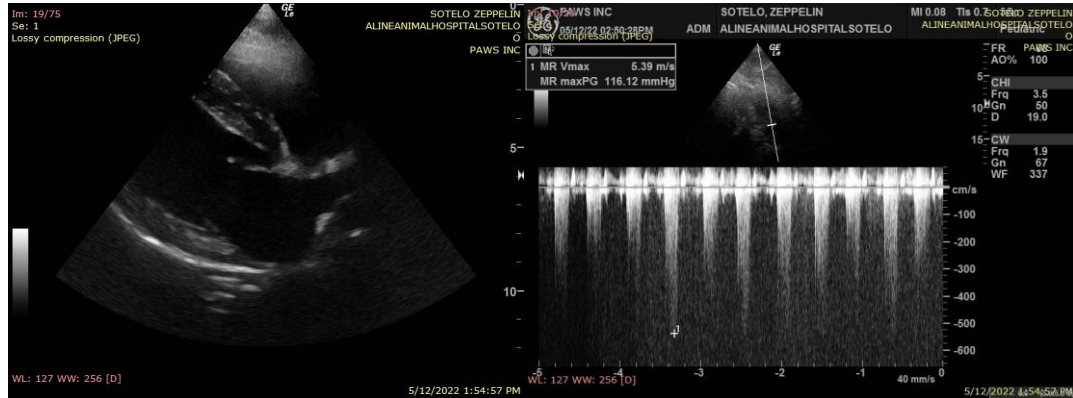
5/13/22 A recheck echocardiogram is recommended in ~6 months to monitor for disease progression.

PERFORMED BY:

Loetitia Saint-Jacques, RVT, LVT

INTERPRETED BY

Keith Blass, DVM, MS, DACVIM (Cardiology)



PATIENT

Zeppelin Sotelo

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.

SPECIES

Canine

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.

BREED

Pitbull

Keith Blass, DVM, MS, DACVIM (Cardiology)
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SEX

MI

AGE

13 y

WEIGHT

62.2 lb

HOSPITAL NAME

Alpine AH

REFERRING VET

Dr. Sjoloin