



PRESENTING CLINICAL SIGNS

History: Grade 3/6 left-sided murmur. History of valvular disease.

DATE

12/2/21

ECHOCARDIOGRAPHIC FINDINGS

Multiple 2D, M-mode, and Doppler video loops and still images are submitted for review.

PERFORMED BY:

Loetitia Saint-Jacques

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 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 appears normal. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA - 25.9 mm
LVIDd - 21.5 mm
LVIDs - 9.5 mm
FS - 55.8%
LVOT - 0.94 m/s
RVOT - 0.82 m/s

PATIENT

Moe Johnson

RADIOGRAPHIC FINDINGS

Orthogonal thoracic radiographs are submitted for review.

SPECIES

Canine

There is mild left atrial and left ventricular enlargement. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. There is mild narrowing of the caudal cervical trachea in the right lateral image. The remainder of the thorax is unremarkable.

BREED

Maltese

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is submitted for review.

HR: 145 bpm
Rhythm: Sinus

SEX

MN

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.

ASSESSMENT/RECOMMENDATIONS

AGE

14 y

Degenerative mitral valve disease

WEIGHT

8.5 lb

Moe's echocardiogram demonstrates mild to moderate regurgitation of blood across his mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Moe has mild dilation of his left atrium, though his left ventricular dimensions are normal, and his left ventricular systolic function is well-preserved. As only mild left atrial dilation is present, Moe's mitral valve disease appears to be well-compensated, and his current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low.

HOSPITAL NAME

Mountain View AH

Moe's thoracic radiographs are unremarkable, save for the presence of mild left-sided cardiomegaly and mild dynamic tracheal narrowing, while no abnormalities are appreciated in his ECG.

REFERRING VET

Dr. Kalivoda

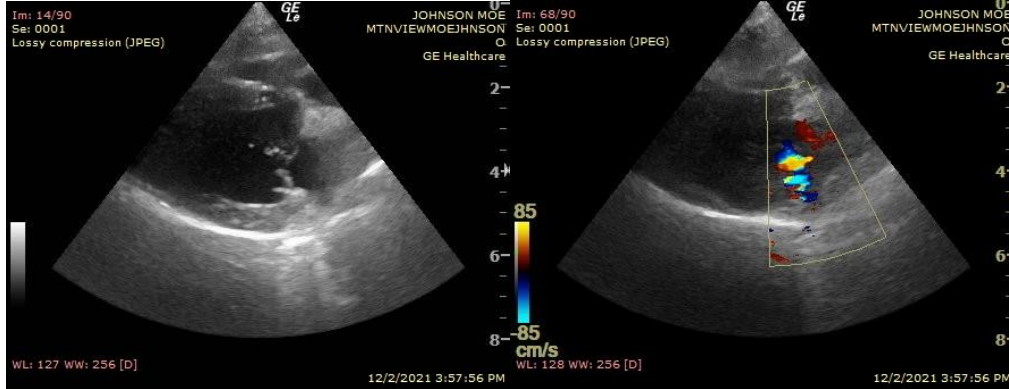
No therapy has been proven to be beneficial at this stage of Moe's mitral valve disease, therefore,



no therapy is recommended at this time.

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

12/2/21



PERFORMED BY:

Loetitia Saint-Jacques

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Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Moe Johnson

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

BREED

Maltese

SEX

MN

AGE

14 y

WEIGHT

8.5 lb

HOSPITAL NAME

Mountain View AH

REFERRING VET

Dr. Kalivoda