



PRESENTING CLINICAL SIGNS

History: Grade 3/6 left-sided murmur that radiates to the right.

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

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

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. 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 leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA - 26.2 mm
LVIDd - 26.0 mm
LVIDs - 12.2 mm
FS - 53%
LVOT - 1.02 m/s
RVOT - 0.76 m/s
TR - 2.72 m/s

PATIENT

Kea Gibbs

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. The trachea is normal. The remainder of the thorax is unremarkable.

BREED

Jack Russell Terrier

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is submitted for review.

HR: 120 bpm
Rhythm: Sinus

SEX

FS

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.

AGE

11 y

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

Kea's echocardiogram demonstrates regurgitation of blood across her mitral and tricuspid valves resulting from degenerative valve disease. Her tricuspid valve disease is mild, and is well-compensated at this time. Kea's mitral valve disease is a bit more advanced, as she has mild to moderate mitral regurgitation present, mild secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Kea'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 relatively low.

WEIGHT

13 lb

HOSPITAL NAME

Mountain View AH

Kea's thoracic radiographs are unremarkable, save for the presence of mild left-sided cardiomegaly, while no abnormalities are appreciated in her ECG.

REFERRING VET

Dr. Kalivoda



I recommend starting Kea on pimobendan (1.25 mg BID), as this medication should help to slow the progression of her mitral valve disease.

DATE

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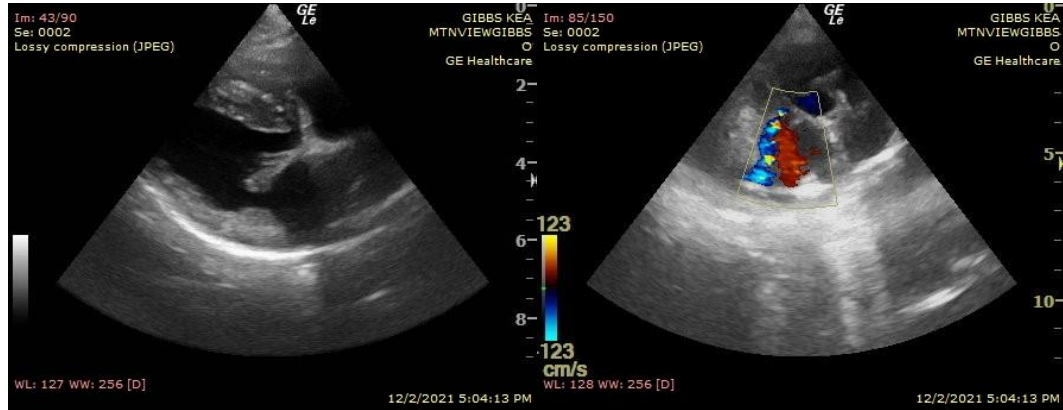
A recheck echocardiogram is recommended in 9 months to monitor for disease progression.

PERFORMED BY:

Loetitia Saint-Jacques

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



PATIENT

Kea Gibbs

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

Jack Russell Terrier

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
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SEX

FS

AGE

11 y

WEIGHT

13 lb

HOSPITAL NAME

Mountain View AH

REFERRING VET

Dr. Kalivoda