



PATIENT

Billie Jean Kutayli

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Female Spayed

AGE

10 years

WEIGHT

10.25lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

30025

DATE

4/4/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History chronic valvular disease - Stage B1. Presently, Billie Jean is doing well, good appetite, no coughing or labored breathing. She does have some trouble getting around. Grade IV/VI systolic murmur; lung fields clear. BP: 100 mmHg x 3. Will have cruciate surgery on April 28th. *Sedated with Torbugisic.
-Pertinent previous echo findings (8/9/22 MML): LA 1.6 cm; LA:Ao 1.1; LV 2.0 cm; normal chamber sizes, trace-mild MR, moderate TR (2.1 m/s).

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

Left ventricle: The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with significant prolapse into the left atrial lumen. Moderate mitral regurgitation. Normal velocity.

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

Right atrium: Normal RA dimension.

Tricuspid valve: The tricuspid valve appears mildly thickened with mild septal prolapse and moderate tricuspid regurgitation; normal velocity.

Pulmonic valve/pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 70bpm.

2-Dimensional Measurements

Ao diam (cm)	1.5
LA diam (cm)	1.7
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.7
LVID diastole (cm)	2.6
PW thickness (cm)	0.7
LVID systole (cm)	1.2
FS (%)	54

Doppler Measurements

PV Vmax (m/s)	0.72
AoV Vmax (m/s)	1.3
MR Vmax (m/s)	5.8
TR Vmax (m/s)	2.7
TR PG (mmHg)	30

INTERPRETATION OF THE FINDINGS

Chronic degenerative valve disease persists with evidence of mild progression. Quantitatively both the MR and TR are slightly increased; however, the left and right heart dimensions appear normal. No additional issues have developed.

Given these findings, no medications are indicated at this time. Continued assessment of progression in the future will help predict long term prognosis, which remains highly variable at this stage (B1). No medications remain indicated at this time.



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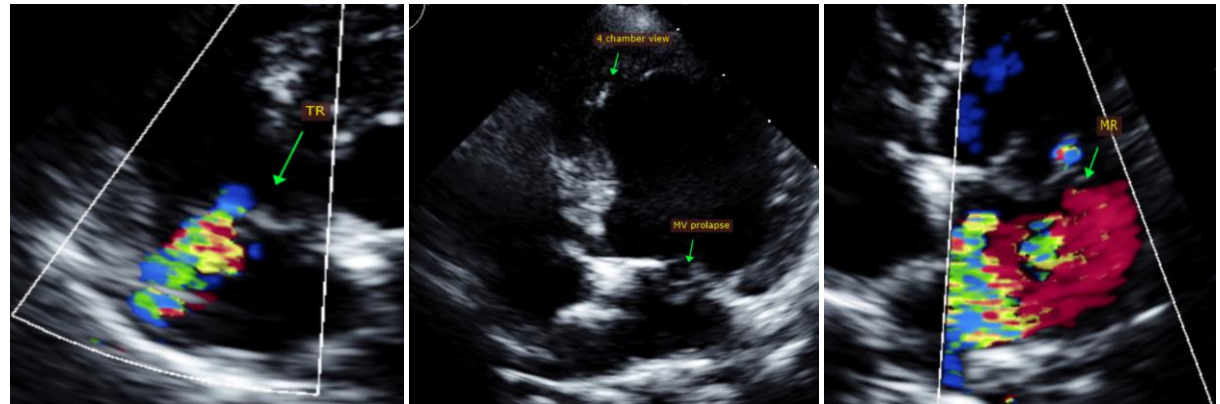
RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia prior to chamber enlargement.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 1 year, sooner if any development of clinical signs.

IMAGES



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.

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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Echocardiogram performed by: Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

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