



PATIENT

Billie Jean Kutaylli

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Female Spayed

AGE

9 years

WEIGHT

12.8lbs

INTERPRETED BY

Maggie Machen Lamy, DVM DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

25652

DATE

8/9/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History chronic valvular disease - Stage B1. Current presentation: Billie Jean is having some ambulatory issues. She is eating well with otherwise normal activity. Pants frequently, although it has been very hot. On exam: NSR, grade III/VI murmur with PMI left apical area, PSS, lung fields clear. Current medications: 1) Meloxicam 2) Gabapentin 3) Cosequin 4) Fish oils *Sedated with propofol for study.

-Pertinent previous echo findings (10/21/21 Maggie Machen Lamy, DVM, DACVIM-Cardiology): LA 1.7 cm; LA:Ao 1.2; LV 2.4 cm; normal LA/LV sizes; trace-mild MR; moderate TR (2 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 mild prolapse into the left atrial lumen. Trace/mild eccentric mitral regurgitation.

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 120bpm.

2-Dimensional Measurements

Ao diam (cm)	1.5
LA diam (cm)	1.6
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.8
LVID diastole (cm)	2.0
PW thickness (cm)	0.8
LVID systole (cm)	1.3
FS (%)	34

Doppler Measurements

PV Vmax (m/s)	0.8
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NM
TR Vmax (m/s)	2.1
TR PG (mmHg)	18

INTERPRETATION OF THE FINDINGS

Chronic degenerative valve disease persists with continued stability. The mitral and tricuspid leaks are similar to previous without significant right or left heart enlargement. No concurrent issues such as pulmonary hypertension are noted in this study.

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.



PATIENT

Billie Jean Kutaylli

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Female Spayed

AGE

9 years

WEIGHT

12.8lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

25652

DATE

8/9/22

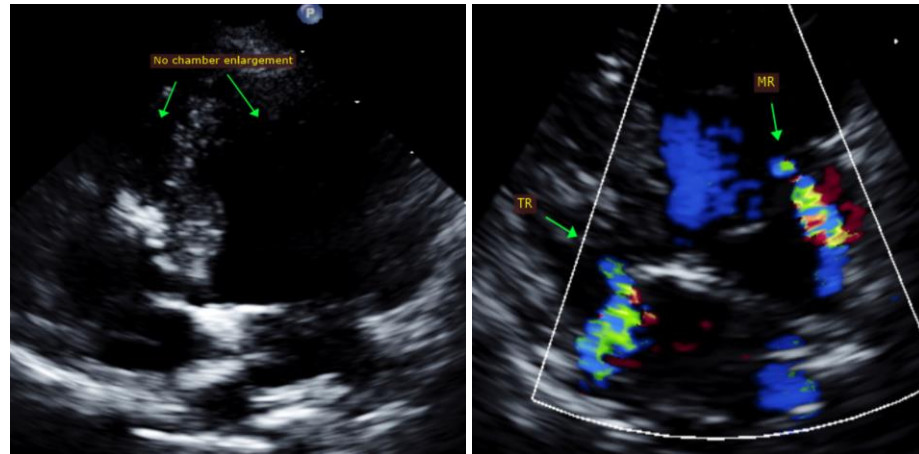
RECOMMENDATIONS

- 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 12 months, 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.

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

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