



PATIENT

Bailey Grocki

SPECIES

Canine

BREED

Miniature Poodle

SEX

Male Neutered

AGE

4.3 years

WEIGHT

21.4lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Compassion
Veterinary Clinic

REFERRING VET

Dr. Patil

INVOICE

31831

DATE

7/13/23

PRESENTING CLINICAL SIGNS

History: Grade III/VI heart murmur. BP: 136, 139mmHg. Doing well clinically. Radiographs: mild, left-sided cardiomegaly, mild pulmonary congestion.

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is available at 25mm/s; 10mm/mV. The average heart rate is 120bpm (range 100-150bpm). The rhythm is sinus in origin, with a p for every QRS complex and vice versa. The P wave morphology is positive with a normal dimension. Normal PR. The QRS morphology is positive with normal dimension. MEA is normal. No ectopic beats, pauses or dysrhythmias observed.
ECG diagnosis: Normal sinus rhythm with respiratory variation.

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 no prolapse into the left atrial lumen. No 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 normal with trivial tricuspid regurgitation.

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.

2-Dimensional Measurements

Ao diam (cm)	1.9
LA diam (cm)	2.1
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.7
LVID diastole (cm)	3.4
PW thickness (cm)	0.7
LVID systole (cm)	2.0
FS (%)	40

Doppler Measurements

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	1.6
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function with no cause of the murmur identified. Trivial MR is noted; however, this is unlikely to be heard on physical exam. In the absence of significant volume changes (dehydration) or anemia, other possibilities include a physiologic flow murmur only present with elevated heart rates, or a small flow abnormality not seen here. Baseline lab work is recommended if not recently performed. It is reasonable to monitor periodically via recheck echocardiography in the future, particularly should the murmur persist/progress. No significant valvular insufficiencies



PATIENT

Bailey Grocki

were noted, and no structural issues identified. The ECG is unremarkable with a normal sinus rhythm.

SPECIES

Canine

These findings would suggest cardiomegaly and pulmonary congestion is unlikely. Consider a Radiologist review of the films in this case.

RECOMMENDATIONS

BREED

Miniature Poodle

- No cardiac medications are indicated at this time. Monitor for any development of cough, labored breathing or exercise intolerance.
- No cardiac contraindication for general anesthesia.

SEX

Male Neutered

PLAN

- Recommend recheck echocardiogram in 12-18 months to screen for progression or development of concurrent cardiac disease that the preexisting murmur may mask.

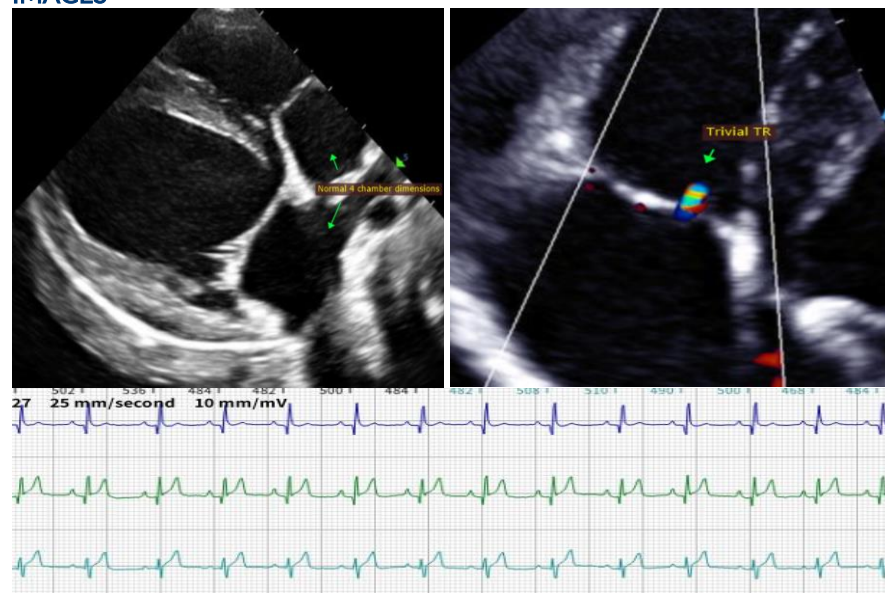
AGE

4.3 years

IMAGES

WEIGHT

21.4lbs



INTERPRETED BY

Maggie Machen Lamy, DVM
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Compassion Veterinary Clinic

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.

REFERRING VET

Dr. Patil

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.

INVOICE

31831

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

DATE

7/13/23

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



PATIENT

Bailey Grocki

SPECIES

Canine

BREED

Miniature Poodle

SEX

Male Neutered

AGE

4.3 years

WEIGHT

21.4lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDCS

HOSPITAL NAME

Compassion
Veterinary Clinic

REFERRING VET

Dr. Patil

INVOICE

31831

DATE

7/13/23