



PATIENT

Bailey Hickey

SPECIES

Canine

BREED

Terrier Mix

SEX

Female Spayed

AGE

13 years

WEIGHT

44.7lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski

INVOICE

21013

DATE

9/14/21

PRESENTING CLINICAL SIGNS

History: Bailey has been having collapsing episodes with 2 episodes noted each month for approximately the past 3 months the last one a week ago. On two occasions, she lost control of her urine. Coughs when eating or going up stairs; some exercise intolerance. Some behavioral changes noted. Good appetite. She has well-controlled hypothyroidism. CV/RESP: occasional arrhythmia, grade I/VI murmur with PMI left apical area, PSS, lung fields clear. BP: 180-190mmHg.
-Current medications: Thyroxine/soloxine 0.6mg 1 tab twice a day *No sedation.

ELECTROCARDIOGRAPHIC FINDINGS *Note: Single lead ECGs are evaluated as a rhythm strip. Morphology/MEA cannot be definitively commented on.

A single lead ECG is available; 25mm/s, 0mm/mV. The average heart rate is 130bpm (range 125-167bpm). The rhythm is sinus in origin, with a p for every QRS complex and vice versa. P and QRS morphologies are positive. 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. Trace/mild central mitral regurgitation.

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Mildly elevated 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 trace 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)	2.0
LA diam (cm)	2.7
LA:Ao (Swe)	1.4
IVS thickness (cm)	1.0
LVID diastole (cm)	3.6
PW thickness (cm)	1.0
LVID systole (cm)	2.3
FS (%)	36

Doppler Measurements

PV Vmax (m/s)	1.2
AoV Vmax (m/s)	2.3
MR Vmax (m/s)	6.3
TR Vmax (m/s)	NM
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Chronic degenerative valve disease causing trace/mild mitral and tricuspid regurgitation. Lack of significant left atrial enlargement indicates the current risk for complication is low. A mildly elevated aortic outflow velocity is identified, which is a benign flow abnormality



PATIENT
Bailey Hickey

that may contribute to murmur intensity. No additional issues are noted in this study. The ECG is also unremarkable with a normal sinus rhythm.

SPECIES
Canine

No obvious structural or arrhythmic cause for the episodes is seen in this study. Consider other possibilities such as an intermittent arrhythmia (not captured here), blood pressure swings, neurologic events, etc. A holter monitor can be considered pending further evaluation.

BREED
Terrier Mix

Assessment of progression in the future will help predict long term prognosis, which is highly variable at this stage (B1).

SEX
Female Spayed

RECOMMENDATIONS

- In a dog without significant left atrial enlargement, 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.

AGE
13 years

PLAN

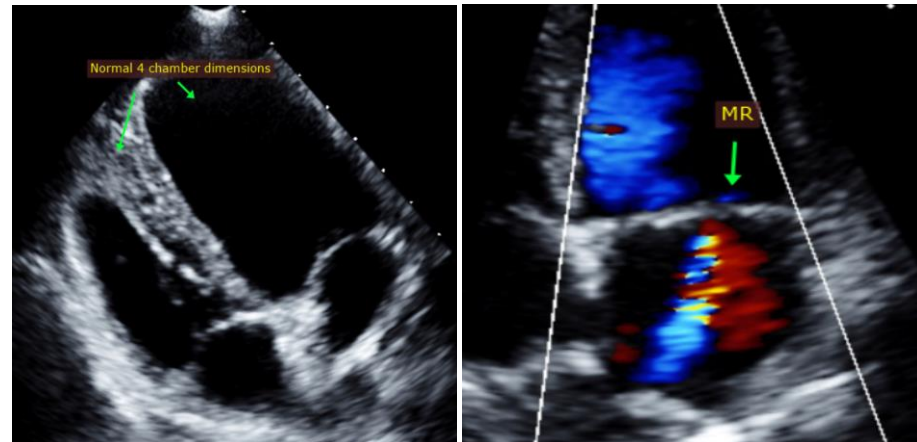
- Recommend conservative monitoring with a recheck echocardiogram in 6-12 months, sooner if any development of clinical signs.

WEIGHT
44.7lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGES



IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski



INVOICE

21013

DATE

9/14/21



PATIENT
Bailey Hickey
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. 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.

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

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

AGE
13 years

WEIGHT
44.7lbs

INTERPRETED BY
Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**
Pamela Harrigan,
RDCS

HOSPITAL NAME
Mass Veterinary
Specialty Services

REFERRING VET
Dr. Masloski

INVOICE
21013

DATE
9/14/21