



PATIENT

Ellie Noble

SPECIES

Canine

BREED

Boxer

SEX

Female Spayed

AGE

2.6 years

WEIGHT

57lbs

PRESENTING CLINICAL SIGNS

History: Ellie has had collapse events with the first one noted in April 2022, second one in June 2022 then again, this past June. The episodes occur after running or getting excited; she falls over and did urinate during the last one. Each episode lasts ~ 30 seconds. Ellie is eating well and is very active with significant energy. On exam: NSR, no murmurs noted, PSS, lung fields clear, mm pink, moist, CRT<2. BP: 160 mmHg. *Sedated with propofol for study.

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 normal; trivial MR.

Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity. 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 obvious cardiac shunts. No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 80bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	2.0
LA diam (cm)	2.7
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.8
LVID diastole (cm)	3.4
PW thickness (cm)	0.8
LVID systole (cm)	2.4
FS (%)	29

Doppler Measurements

PV Vmax (m/s)	0.7
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCE

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INTERPRETATION OF THE FINDINGS

No significant structural abnormalities seen on this exam. The cardiac structure and function are normal, with no obvious pathology. The brief ECG is normal as well, with no obvious dysrhythmias; however, this does not entirely rule out arrhythmogenic syncope, particularly given the breed, and a holter monitor may be indicated if no other cause is identified. Outside of arrhythmias, other causes of syncope include vasovagal events, blood pressure swings (such as due to an adrenal tumor), or systemic issues such as neoplasia, electrolyte issues, etc. Full systemic work-up may also be warranted (AUS, etc.) and potentially a neurologic consultation may be suggested.

INVOICE

31906

DATE

7/18/23



PATIENT

Ellie Noble

SPECIES

Canine

BREED

Boxer

SEX

Female Spayed

AGE

2.6 years

WEIGHT

57lbs

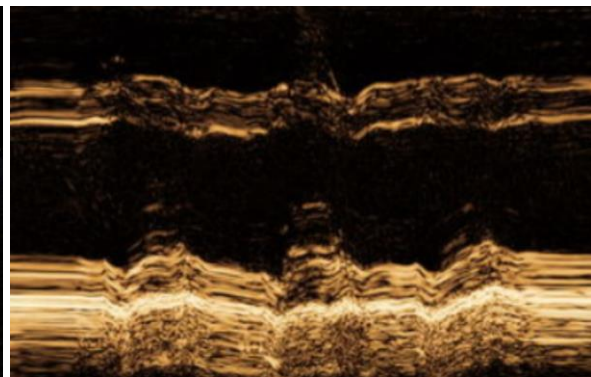
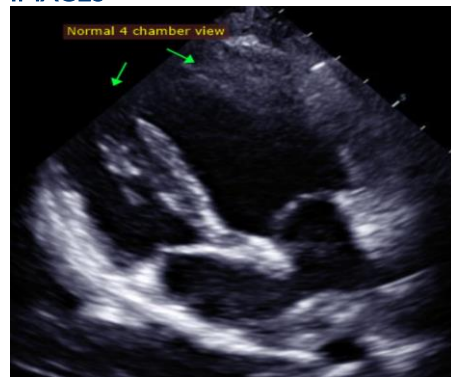
RECOMMENDATIONS

- No cardiac medications or follow up are indicated prior to holter and/or systemic evaluation findings.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

PLAN

- Recheck echocardiogram is recommended annually due to breed disposition, sooner if clinical signs or murmur arise.

IMAGES



INTERPRETED BY

Maggie Machen Lamy, DVM
DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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

HOSPITAL NAME

Mass Veterinary Services

Echocardiogram performed by:

Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

REFERRING VET

Dr. Masloski

INVOICE

31906

DATE

7/18/23