

PATIENT

Acadia Constantine

SPECIES

Canine

BREED

Belgian Malinois Mix

SEX

Female Spayed

AGE

9 years

WEIGHT

73lbs

PRESENTING CLINICAL SIGNS

History: Acadia recently had blood work done that included a ProBNP, which was elevated at 1542. No history of cardiac disease. Acadia is doing well with a normal appetite and activity. On auscultation: NSR, no murmurs noted, PSS, lung fields clear. BP: 180, 190, 200mmHg (stressed, panting). *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 post-sedation. LV wall thicknesses are normal.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is normal with no prolapse into the left atrial lumen. No MR.

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 no 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.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 100bpm.

2-Dimensional Measurements

Ao diam (cm)	2.7
LA diam (cm)	3.1
LA:Ao (Swe)	1.1
IVS thickness (cm)	1.2
LVID diastole (cm)	3.3
PW thickness (cm)	1.2
LVID systole (cm)	2.1
FS (%)	36

Doppler Measurements

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	0.84
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Services

REFERRING VET

Dr. Masloski

INVOICE

23004

DATE

3/9/22

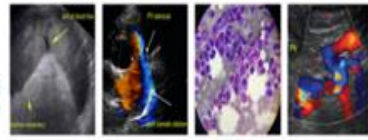
INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. The overall dimensions are normal with no evidence of significant structural disease. No additional issues are identified.

No obvious cause of BNP elevation is seen. Consider ancillary causes of BNP elevation such as systemic hypertension or renal disease. High blood pressure is noted on presentation; however, the patient was notably stressed. Reassessment in the future may be advised. False positives are also possible as this is a known weakness of the test. If no additional cause for BNP is identified reassess structure and function in 1 year to ensure no progressive issues are identified.

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Consider reassess BP as a sole visit as discussed.
- No cardiac contraindication for general anesthesia.



PATIENT
Acadia Constantine

- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

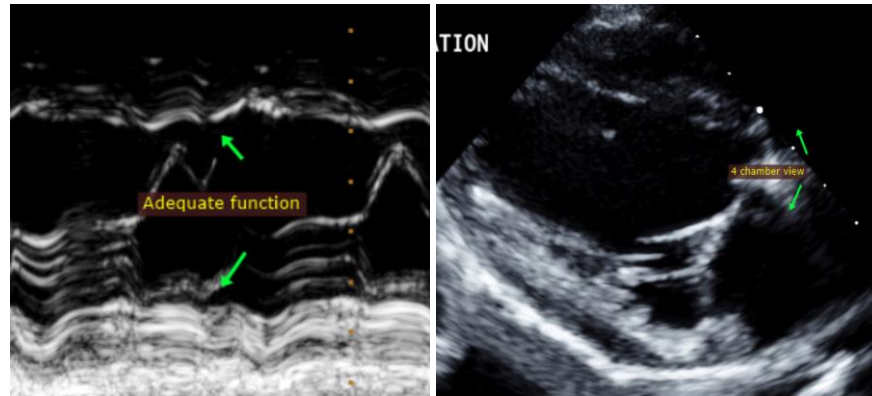
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- PLAN**
- Recommend conservative monitoring with a recheck echocardiogram in 12 months to screen for any progressive changes.

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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.

INTERPRETED BY
Maggie Machen Lamy, DVM
DACVIM (Cardiology)

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

IMAGING PERFORMED BY
Pamela Harrigan, RDCS

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

HOSPITAL NAME
Mass Veterinary Services

REFERRING VET
Dr. Masloski

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