



**PATIENT**

Bodhi Bolen

**SPECIES**

Canine

**BREED**

Lab

**SEX**

Neutered Male

**AGE**

4 Years 5 Months

**WEIGHT**

78.8 pounds

**INTERPRETED BY**

R. McKenzie Daniel,  
 DVM, DABVP (Canine  
 / Feline Practice)

**IMAGING PERFORMED BY**

Kerri Becker

**HOSPITAL NAME**

Legacy Animal Hospital

**REFERRING VET**

Dr. Potenzzone

**INVOICE**

13422

**DATE**

01/27/26

**PRESENTING CLINICAL SIGNS**

- Cardiopet BNP-1,467
- Presx screen echo

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	NM	1.25	38	72	0.3
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	148	1.6	1.4	78.8	3.8	4.1	--

**Cardiac Presentation**

The echocardiogram in this patient demonstrated normal **left atrial** dimension based on 2 separate methods of LA evaluation. The cranial and caudal **mitral** valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinesis. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window.

**ULTRASONOGRAPHIC FINDINGS**

- Normal cardiac structure/function.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**



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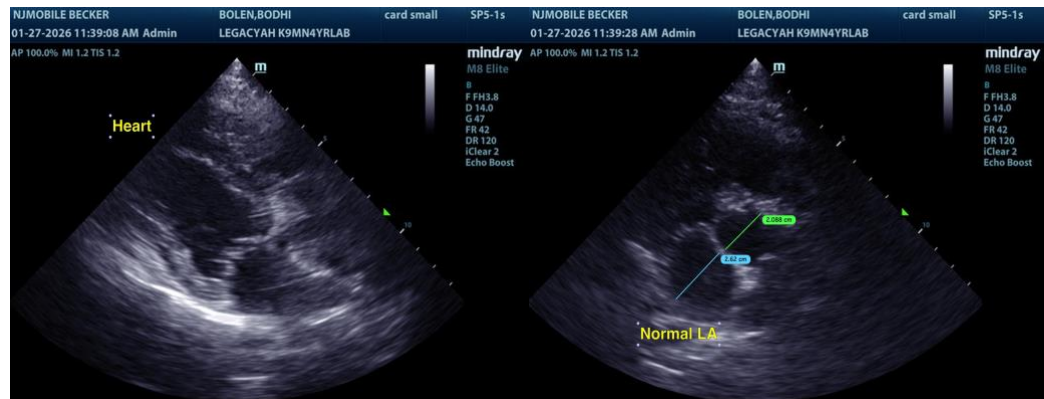
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No evidence of cardiac issues such as left or right heart chamber enlargement, LV systolic dysfunction, DCM criteria or other cardiomyopathy. BNP false positive results may occur with conditions such as thyroid disease, renal insufficiency, airway disease, systemic hypertension, or potentially other systemic influences. Continued monitoring is indicated with no anesthetic contraindications.



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**

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