



PATIENT

Bowie Morrow

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

9 years

WEIGHT

14 lbs

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Meghan Morse, LVT,
CVT

HOSPITAL NAME

Narrowsburg
Veterinary

REFERRING VET

Dr. Kula

INVOICE

74168

DATE

4/3/26

PRESENTING CLINICAL SIGNS

- Cardiac murmur grade 2/6
- O reports coughing during exercise
- No current meds

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. The left ventricle is normal in dimension, with normal systolic function. The right atrium and ventricle are normal in dimension, with normal systolic function. The anterior and posterior mitral valve leaflets are appropriately thin with adequate apposition, intact chordae, and there is no significant prolapse. There is no significant mitral regurgitation identified. The tricuspid valve leaflets are appropriately thin with adequate apposition, intact chordae, with trivial tricuspid regurgitation and no evidence of pulmonary hypertension. The left ventricular outflow tract demonstrated normal laminar flow and the visible aorta is unremarkable. The right ventricular outflow tract assessment revealed normal laminar flow, with appropriate main pulmonary artery diameter and right pulmonary artery distensibility. There is no pulmonic and no aortic valve insufficiency identified. There is no visible pericardial, pleural, or free peritoneal fluid documented. No evidence of hepatic venous congestion is noted. The cardiac chambers, pericardial and visible extra-cardiac regions were free of masses, spontaneous echo contrast, or thrombi.

| CANINE CARDIAC PARAMETERS | Body Weight kg | HR BPM | LAD 4 ch Long | RAD 4 ch Long | La/Ao Heart Base | LVIDd | LVIDs |
|---------------------------|----------------|--------|----------------|------------------|------------------|---------|----------------------------------|
| NORMAL PARAMETER | | 50-100 | | | <1.6 | | |
| PATIENT | 6.36 kg | NM | 2.37 | 1.81 | 1.15 | 2.01 | 0.88 |
| CANINE CARDIAC PARAMETERS | FS | EPSS | PV V MAX (m/s) | AV V Max (m/sec) | MR Vmax | TR Vmax | RPA distensibility (normal >30%) |
| NORMAL PARAMETER | 28-40 | <0.6 | 0.7-1.6 | 0.7-1.7 | 4.5-5.5 | < 2.7 | |
| PATIENT | 56 | NM | 1.1 | 1.3 | NM | NM | NM |

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with an essentially normal echocardiogram. Any murmur will be considered functional in origin. No cardiac cause of the morbidity is identified.

