



**PATIENT**

Talula Jammes

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Spayed Female

**AGE**

8 Years 6 Months

**WEIGHT**

8.9 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Vincent Ravancho CVT

**HOSPITAL NAME**

Vetco Teterboro

**REFERRING VET**

Dr. Jammes

**INVOICE**

15017

**DATE**

04/10/26

**PRESENTING CLINICAL SIGNS**

Recheck. Last U/S done 10/2025. Murmur worse, please compare.

Current medications - Clonidine for U/S

**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	5.7	3.0	NM	1.36	43	76	0.1
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	193	1.1	0.90	8.9	2.2	2.3	--

**Cardiac Presentation**

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. The cranial and caudal **mitral** valve leaflets presented thickening consistent with endocardiosis. Doppler indicated measurable moderate to significant eccentric MR. 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. Normal measured LVOT velocity with static mild aortic valve insufficiency on doppler. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated mild thickening with TR on doppler. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. Normal measured RVOT velocity with minor **pulmonic valve** insufficiency on doppler. No visible **pericardial** or free pleura fluid was noted. No echographically detectable evidence of cardiac / pericardial tumors was visible.

**ULTRASONOGRAPHIC FINDINGS**

- Persistent compensated mitral valve insufficiency (B1).
- Tricuspid insufficiency- estimated pulmonary pressure gradient suggestive of mild increased pulmonary pressure without clinical pulmonary hypertension.



**PATIENT**

- Mild aortic/pulmonic valve insufficiency.

Talula Jammes

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

Overall static cardiac presentation compared to the previous study without evidence of significant progression. The continued lack of LA enlargement indicates the current and future risk of complications secondary to MR remains low. In an assumed non-clinical patient without evidence of chamber enlargement, no indication for medical therapy. Monitoring of systemic BP for hypertension given aortic valve insufficiency is recommended. Prognosis remains highly variable and sonographic monitoring is advised. Recheck echo is recommended in six months, sooner if clinical signs arise. Anesthetic risk is considered mild. If required, the following protocol is suggested. Suggested anesthetic protocol may include opioid or Benzodiazepine pre-med, induction with Propofol or Alfaxalone, and appropriate gas anesthesia with avoidance of alpha 2 agonists.

Canine

**BREED**

Chihuahua

**SEX**

Spayed Female

**AGE**

8 Years 6 Months

**WEIGHT**

8.9 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Vincent Ravancho CVT

**HOSPITAL NAME**

Vetco Teterboro

**REFERRING VET**

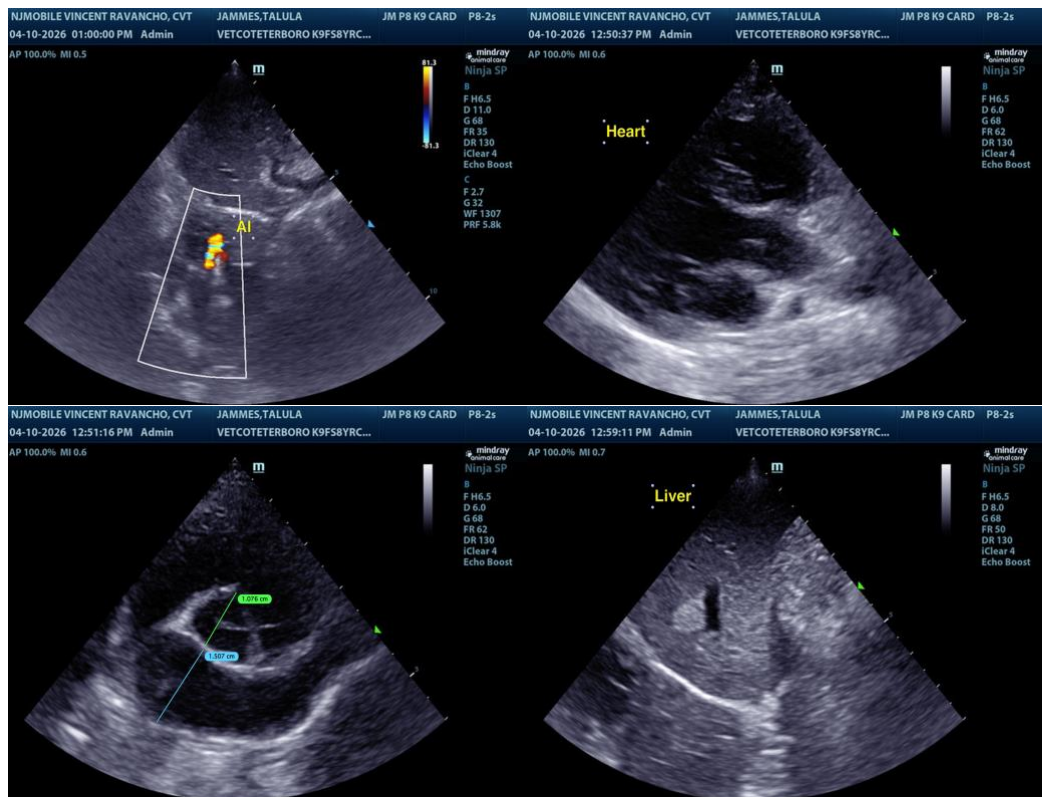
Dr. Jammes

**INVOICE**

15017

**DATE**

04/10/26





**PATIENT**

Talula Jammes

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Spayed Female

**AGE**

8 Years 6 Months

**WEIGHT**

8.9 pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Vincent Ravancho CVT

**HOSPITAL NAME**

Vetco Teterboro

**REFERRING VET**

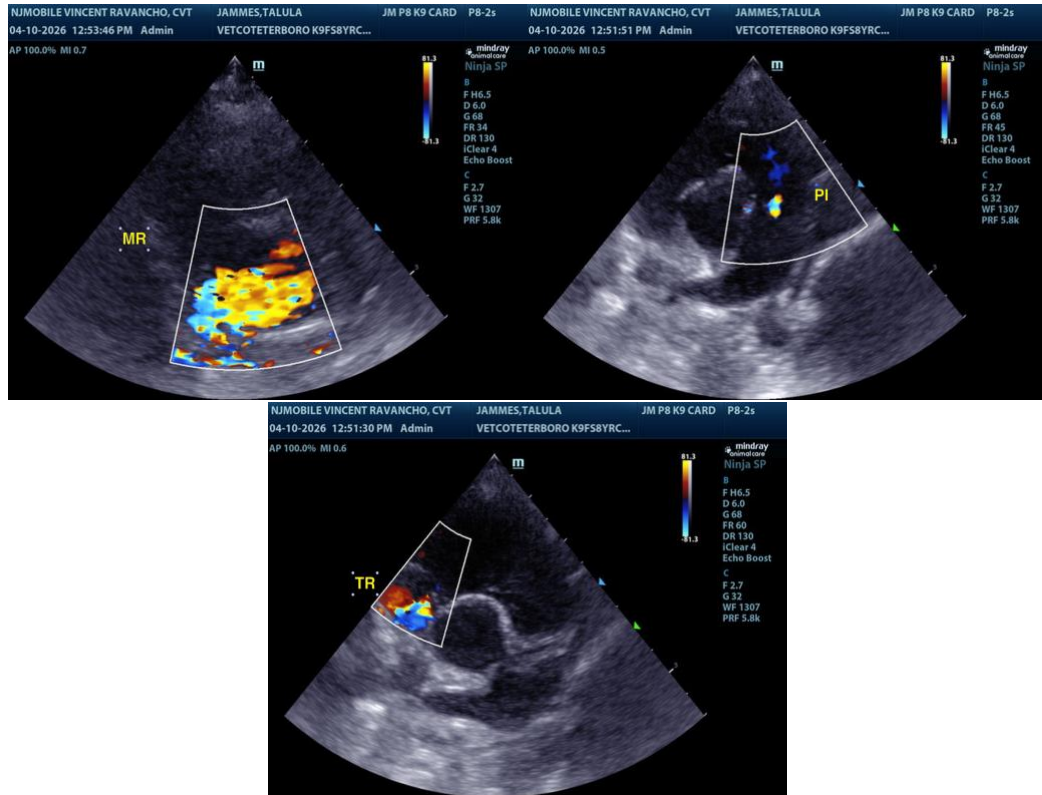
Dr. Jammes

**INVOICE**

15017

**DATE**

04/10/26



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)

[info@SonoPath.com](mailto:info@SonoPath.com)