



**PATIENT**

Tundra Tapia

**SPECIES**

Canine

**BREED**

Bulldog

**SEX**

Spayed Female

**AGE**

12 Years

**WEIGHT**

43 Pounds

**INTERPRETED BY**

Laurent Locquet, DVM,  
 MRCVS, GPCert, (VC)  
 Diplomate, ECVIM-CA

**IMAGING PERFORMED BY**

Meghan Morse, LVT,  
 CVT

**HOSPITAL NAME**

Farview AC

**REFERRING VET**

Dr. Mosaad

**INVOICE**

35895

**DATE**

4/30/26

**PRESENTING CLINICAL SIGNS**

History: Difficulty breathing, grade 1-2 HM, possible effusion in lungs  
 Abnormal PE/Chem/CBC/UA Results: PLT 469

**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)
<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
<b>PATIENT</b>	--	--	1.29	1.19	43	75	NM
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)
<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6				
<b>PATIENT</b>	--	1.19	0.60	43	3.3	3.08	1.76

**Cardiac Presentation**

The left atrial size expressed both in the LA/AO ratio and LA-MAX was normal. Chamber volumes and echogenicity were normal. The mitral valve leaflets presented no abnormalities, and doppler showed no signs of insufficiency. There was no evidence of chordae tendineae rupture or mitral valve prolapse. The left ventricle presented with normal wall thicknesses, a linear contour, and was neither dilated nor restricted. The myocardium showed normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. Contractility of the ventricular walls was adequate and within the normal range for this patient, supported by fractional shortening measurements and subjective evaluation of all myocardial regions. The LVOT demonstrated normal laminar flow and normal structural integrity. The right atrium and auricle revealed normal size, structure, and content. No masses or chamber overload were identified. Tricuspid valve assessment demonstrated a normal valvular structure with no signs of thickening or insufficiency on 2D or color Doppler. The right ventricle was normal in size (approximately one-third of LV diameter), with normal myocardial wall thickness and echogenicity. The pulmonary tract revealed normal valve structure, laminar flow, and a normal diameter. No pericardial or pleural effusion was noted. No echocardiographically detectable evidence of infiltrative disease was present. The cranial mediastinal and pericardial regions were free of visible masses.

**ULTRASONOGRAPHIC FINDINGS**



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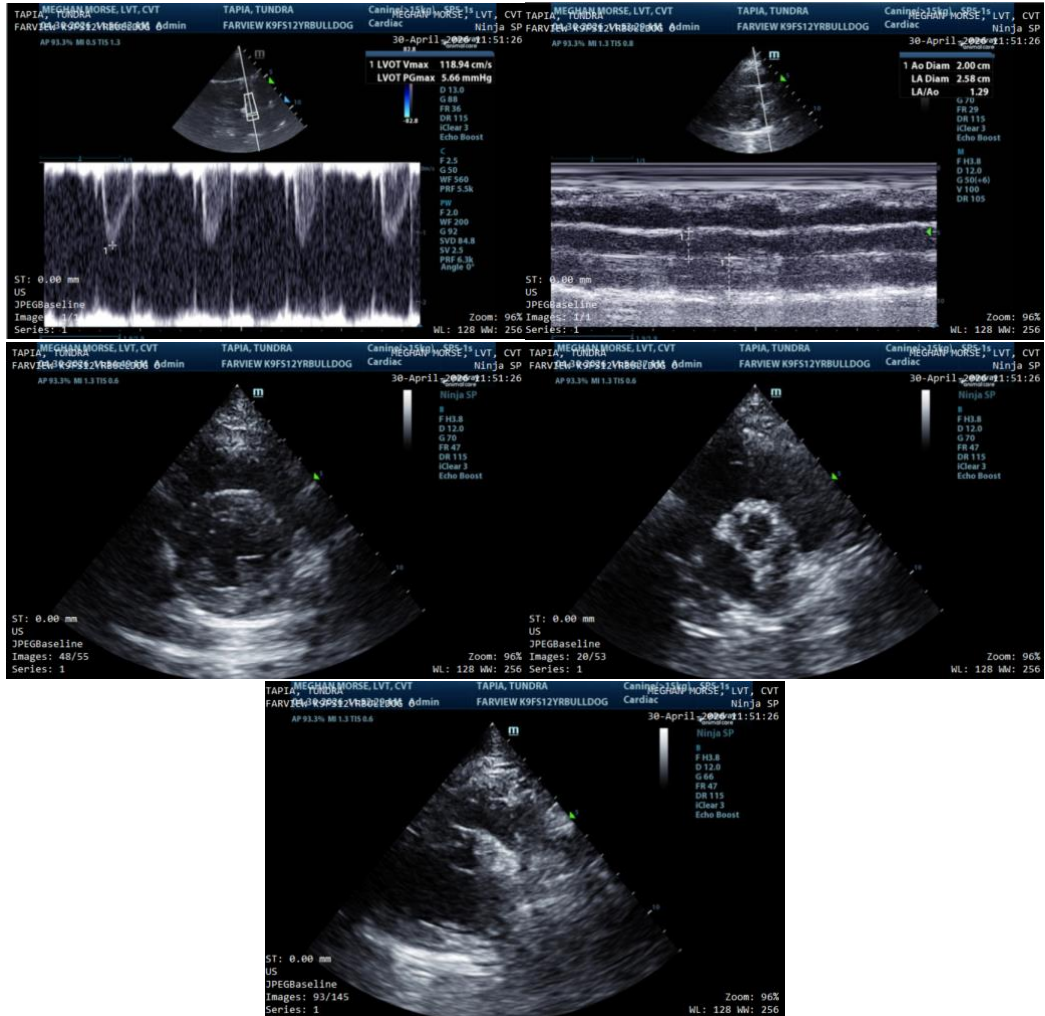
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- This echocardiographic examination showed no functional or structural abnormalities.
- Possible idiopathic flow murmur, not hemodynamically significant

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No rechecks are necessary, unless there are any concerns.



**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.

**Laurent Locquet, DVM MRCVS GPCert (VC) Diplomate ECVIM-CA**



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

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