



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Kitana Loor  
**SPECIES** Canine  
**BREED** Pitbull  
**SEX** Spayed Female  
**AGE** 12 years  
**WEIGHT** 64.4 lbs

Patient presented as a referral for an echocardiogram. Patient has a history of increased respiratory rate at home and seems to get tired easily. Seems to have exercise intolerance. Patient had history of heartworms and was previously treated. Currently treating with furosemide 40mg: 1 tablet PO SID. Abnormal PE/Chem/CBC/UA Results: PE: BAR RR: WNL

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 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** insufficiency was noted. 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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Ferrer

**HOSPITAL NAME**

Paseos VC

**REFERRING VET**

Dr. Davila

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT		2.9	1.15	1.3	37	67	0.4
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	LA (2D short axis Base view) (cm)	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		1.04	0.53	64.4 lbs	3.0	3.93	

**INVOICE ULTRASONOGRAPHIC FINDINGS**

95306 Normal echocardiogram with minor tricuspid insufficiency, not a clinical issue.

**DATE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

1/17/22 The respiratory signs are non-cardiogenic at this time.



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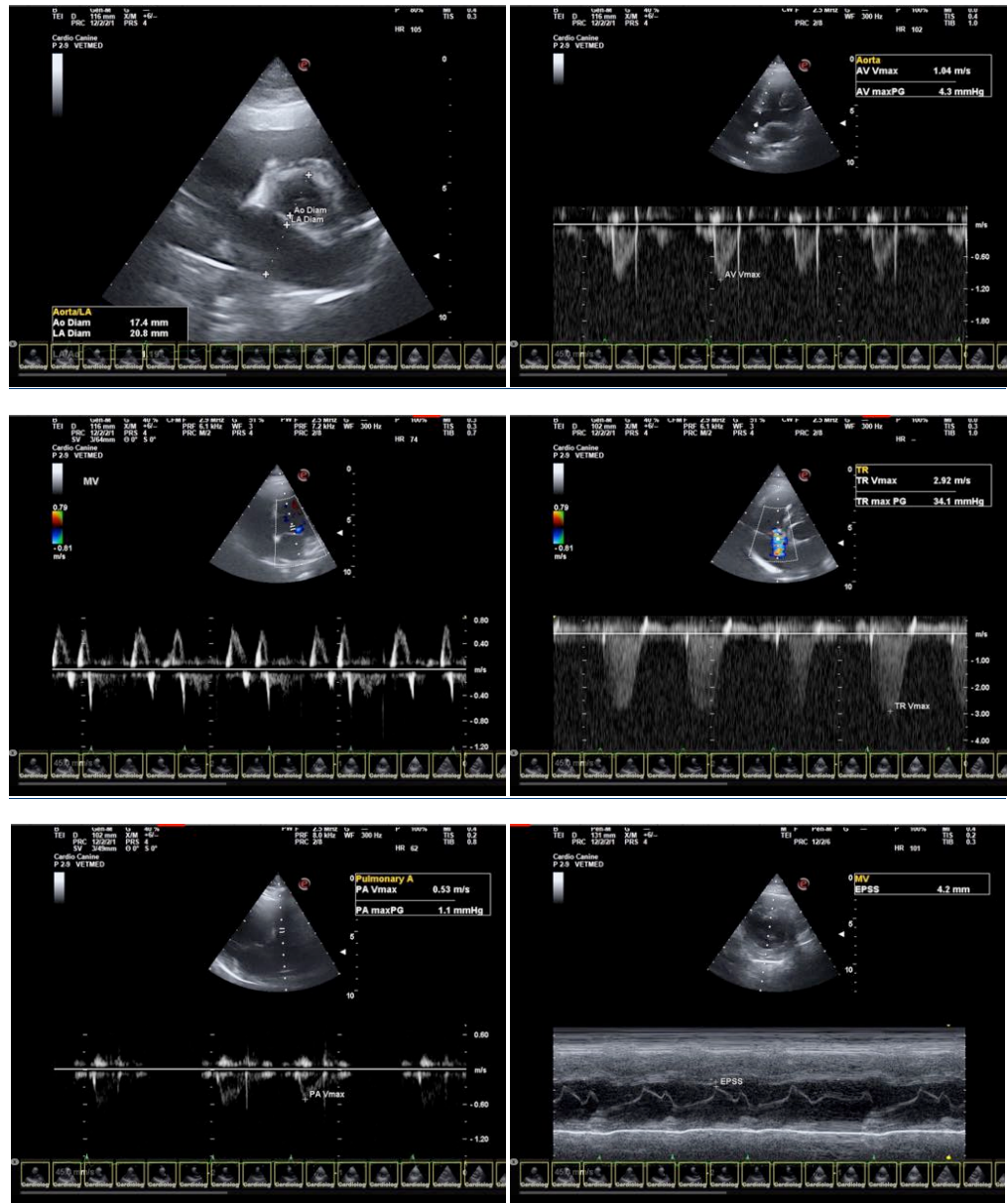
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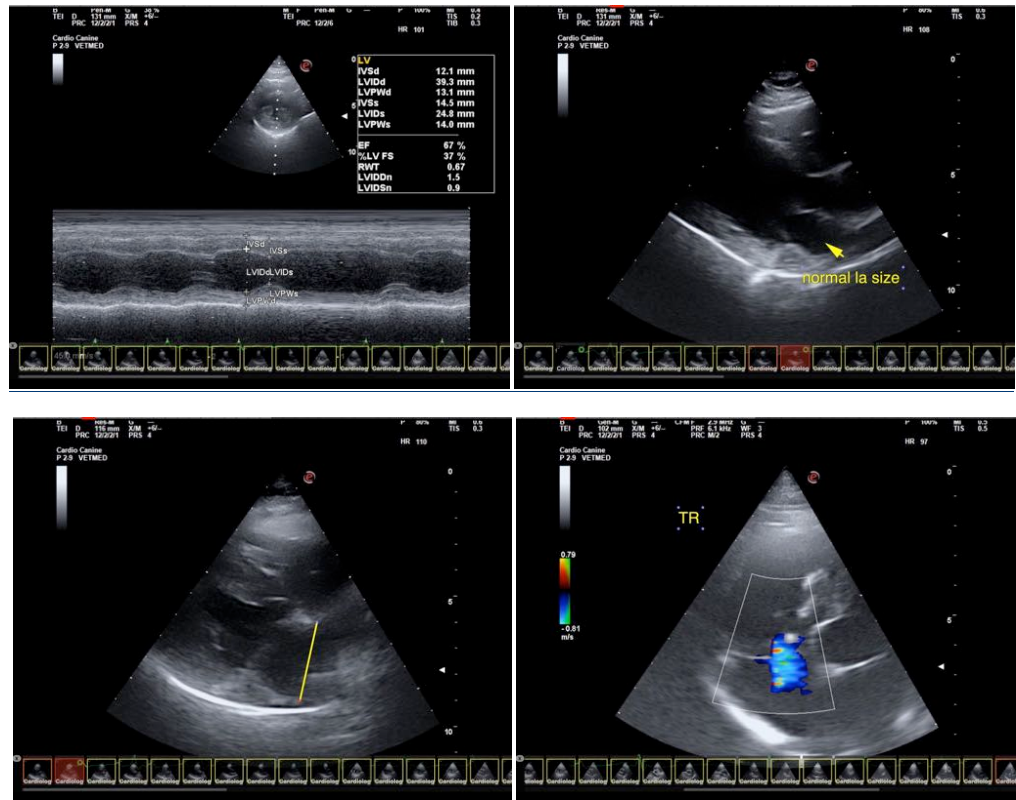
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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