


PATIENT

Tasha Lacroce

SPECIES

Canine

BREED

Shepherd/Husky

PRESENTING CLINICAL SIGNS

Tasha is an eleven year old, FS, Shepherd/Husky mix with a history of pancreatitis. She has had intermittent pain and anorexia since October. Multiple recheck bloodwork with cPL 1500-200 recently. Abdominal ultrasound exam on 12/3/21 was read by Dr. Lindquist. On exam on 12/22/21, Dr. Knouse auscultated a gallop rhythm. Three view thoracic films showed a subtle nodule present in the peripheral aspect of the fourth intercostal space on the right. Lungs were otherwise normal. Rads are attached for your information. ECG from today is also attached. Blood pressure today was 139/94, 137/94, 128/86.

Radiographs: Prominent aorta, volume contracted vena cava.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
SEX

Spayed Female

AGE

11 Years

WEIGHT

45 Pounds

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

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			1.0	1.14	42	74	0.4
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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		1.2	0.7		2.0	3.16	

IMAGING PERFORMED BY

Dr. Jennifer Todd

HOSPITAL NAME

Lambs Gap AH

REFERRING VET

Dr. Lindsey Knouse

INVOICE

33777

DATE

12/28/21

Cardiac Presentation

Subjectively, the **left ventricle** and **left atrium** appeared mildly volume contracted. The cranial and caudal **mitral** valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. 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

- Mildly volume contract left atrium and left ventricle



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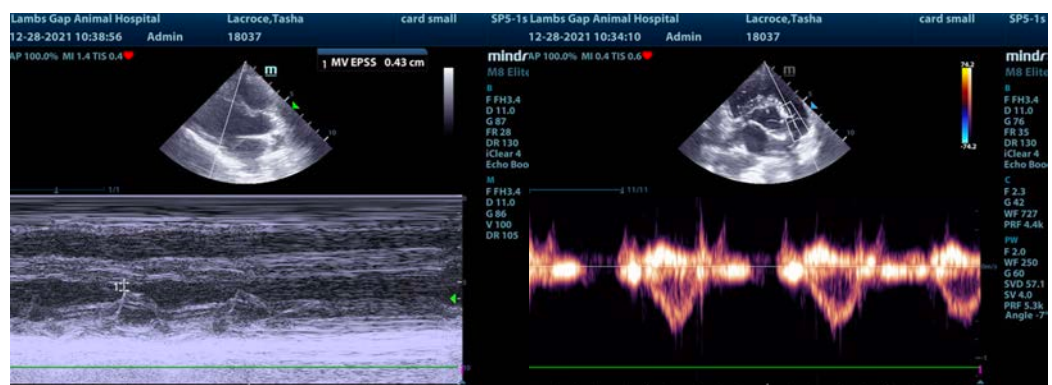
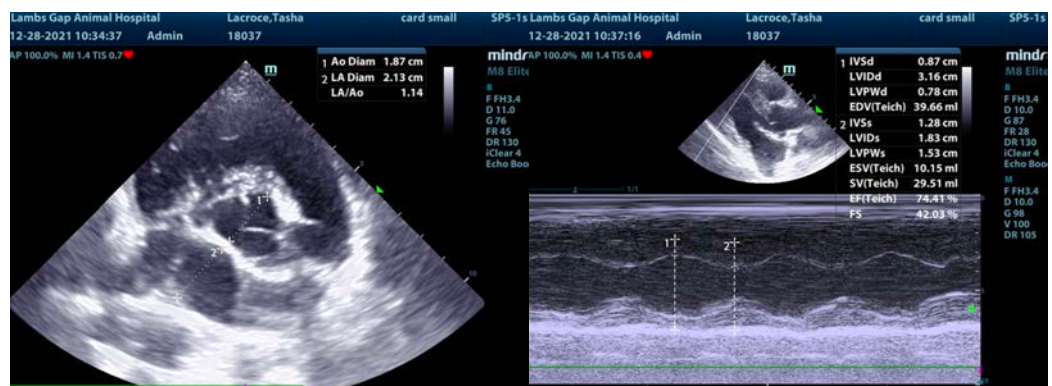
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of cardiac disease noted. However, volume contraction appears to be present. Blood pressure measurements warranted to rule out hypotension.



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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