



**PATIENT**

Pita Alsdorf

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Spayed Female

**AGE**

13 years

**WEIGHT**

10.66 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

Dr. Hartwick

**INVOICE**

30415

**DATE**

5/13/22

**PRESENTING CLINICAL SIGNS**

History of thymoma, had left thoracotomy - surgically excised in fall of 2021 at referral facility. Owner declined adjunctive options including radiation. Supposed to have recheck radiographs in February at referral facility. Owner presented to WWRVH for recheck on 5/5/22. Cranial mediastinal - decreased detail on rads. Cardiac silhouette enlarged/trachea pushed dorsally. Currently no s/s. Current meds: prednisolone, Lasix ( 3 days only). Assess for recurrence of mass, fluid, heart, etc. treatment options. Abnormal PE/Chem/CBC/UA Results: 5/6/22, Superchem: WNL. CBC: WNL. SDMA 23.7, T4 2.8. U/A: WNL, USG 1.049.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

An undifferentiated 7.4 x 7.0 cm cranial parenchymal thoracic mass was noted. The mass impinges upon and deviates the heart. The heart itself presented normal volume and contractility despite its positional deviation. The extrathoracic pathology is combined of a coalescence of multiple masses enveloping the aorta and base of the heart as well as impinging upon the pericardium.

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT		138		1.91		40	73
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.1				0.56	NM	
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

**ULTRASONOGRAPHIC FINDINGS**

Thoracic mass enveloping the heart, non-resectable.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA, chemotherapeutic or radiation therapy is indicated based on cytology. Abdominal sonogram is recommended for further definition. Oncological evaluation is recommended.



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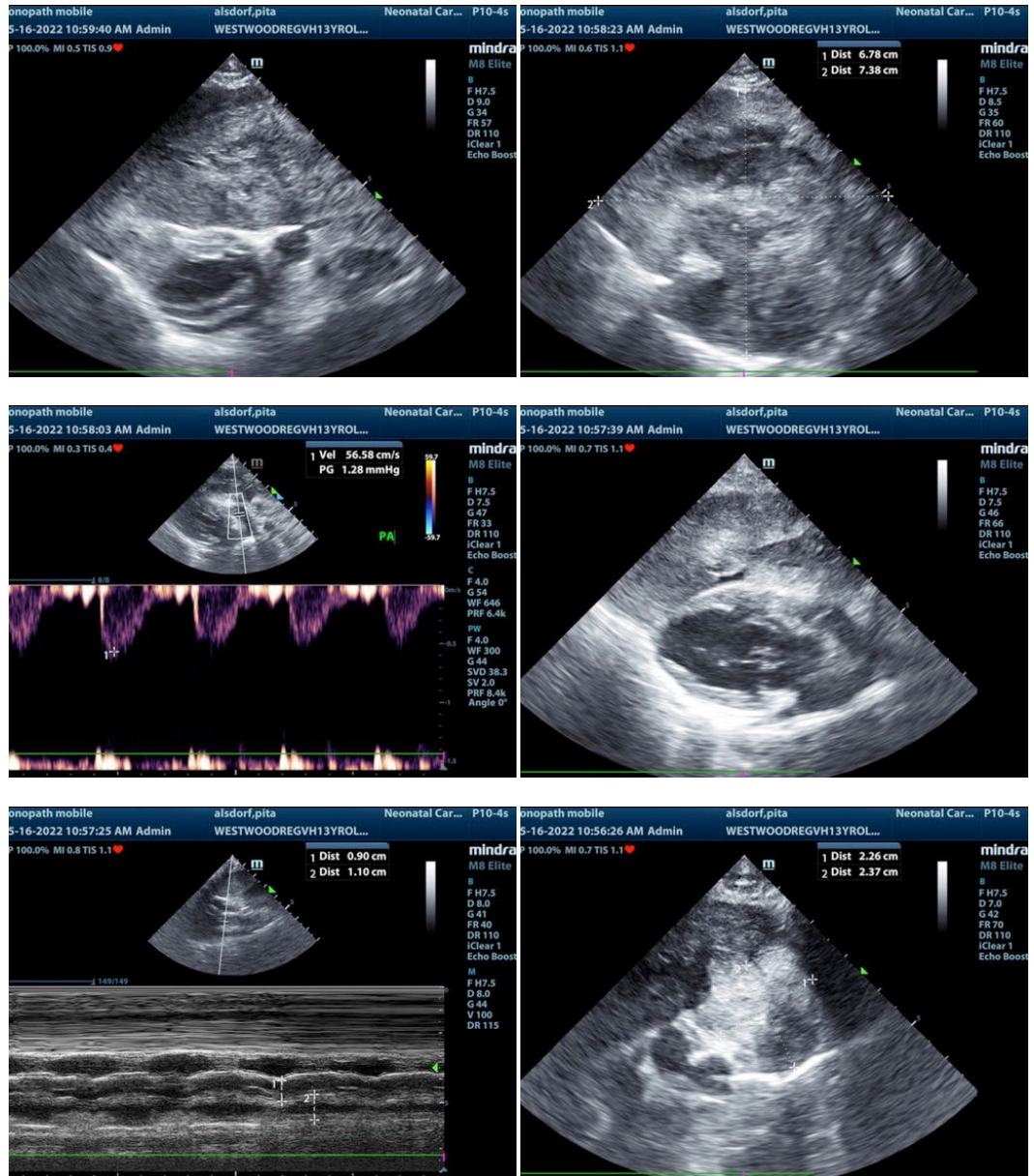
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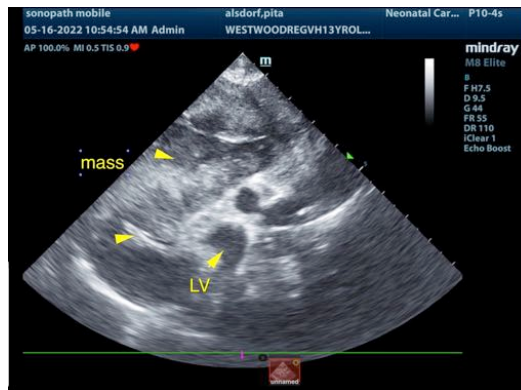
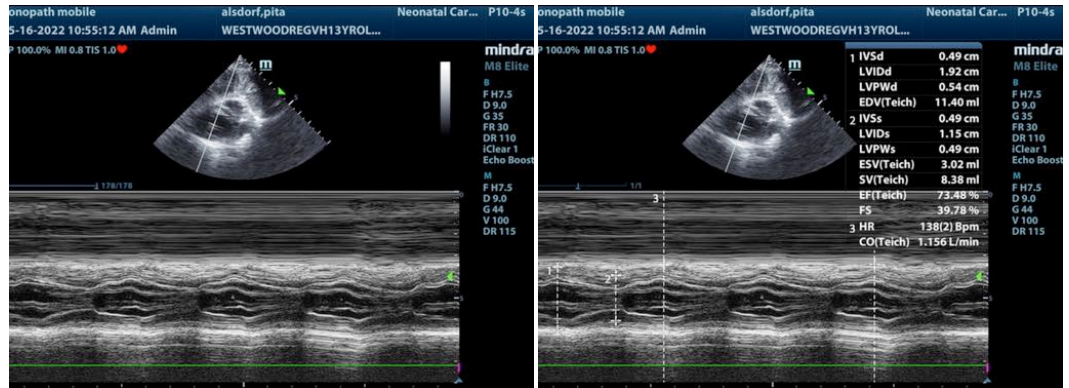
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

Info@SonoPath.com