

## PATIENT PRESENTING CLINICAL SIGNS

Amber Haluzak ADR, lethargic, muffled heart sounds, CRT > 4 sec, MM: pale pink/tacky, BP elevated, Abnormal PE/Chem/CBC/UA Results: ABNORMAL Laboratory Findings CBC-decreased RBC (5.38), HCT (34.9), HGB (13.0), PLT 84 Increased NEUT 13.06, EOS 0.00 CHEM 10- Increased CREA 2.0, BUN 42, ALT 185 Heart Rate and Respiratory Rates 137/42 Blood Pressure Measurements 233/142 (MAP 132)

## SPECIES

Canine

## ULTRASONOGRAPHIC EXAMINATION OF THE HEART

### BREED

Labrador

### SEX

Spayed Female

### AGE

12 Years

### WEIGHT

74.4 Pounds

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	1.0	20	--	NM
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	--	--	--		--	1.5	

## INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUS

## IMAGING PERFORMED BY

Jenna Walsh, CVT

## HOSPITAL NAME

Willamette VH

## REFERRING VET

Dr. Maggiulli

## DATE

10/25/21

## INVOICE

26637

### Cardiac Presentation

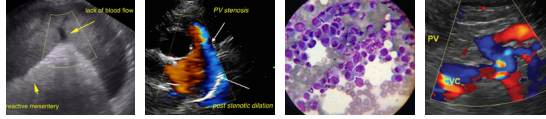
The cardiac presentation revealed a large amount of pericardial effusion. A junctional mass was noted at the right ventricular free wall and right auricle, strongly consistent with hemangiosarcoma given the position and echotexture. The mass was transmural, disrupting the architecture of the right ventricular wall and right auricle. The internal volumes were subnormal in size owing to pericardial effusion and tamponade effect. Collapse of the right auricle and its mass was noted. The mass extends approximately 3.5 cm x 2.0 cm. The left ventricular myocardium appeared heterogeneous and irregular. I cannot rule out complete myocardial involvement in the neoplastic process. However, the right auricular and right ventricular free wall mass appears definitive.

### ULTRASONOGRAPHIC FINDINGS

- Right ventricular free wall/right auricular mass
- Pericardial effusion

### INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Palliative therapy with pericardiocentesis and drainage could be considered with abdominal sonogram to assess for related lesions in the spleen and liver. Chemotherapeutic intervention from a palliative standpoint could be considered with Adriamycin.



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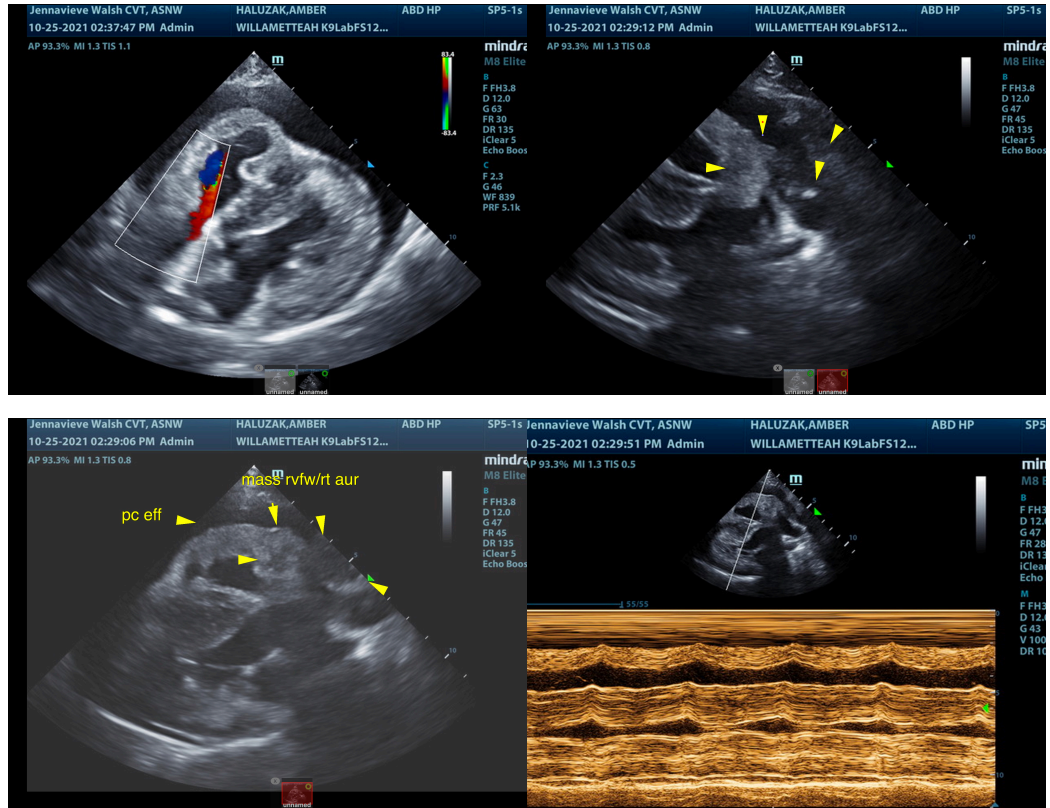
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS

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