


PATIENT
PRESENTING CLINICAL SIGNS

Bandit Styers

History: Presented Monday with history suggestive of bronchitis. Chest radiographs revealed mild cardiomegaly and bronchial pattern. Treated with AmoxiClav and Temaril P. Seemed to respond. Yesterday, presented after collapsing. Difficult to auscult the heart. ECG revealed attenuation of complexes with occasional VPC.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Irregular heart rate that goes from about 140-200. Difficult to auscult the heart. The mucous membranes are a bit pale. CBC, Chem and UA pending.

BREED

 Australian Shepherd
 Mix

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presents pericardial effusion and tamponade effect with collapse of the right auricle. The left heart was unremarkable. There were no overt right auricular masses were noted in this patient. However, slight irregular, right auricular wall was present. Periodic arrhythmia was noted. The hepatic veins were dilated with a mild amount of ascites owing to passive congestion.

AGE

12 years

WEIGHT

48.3 lbs

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Beard

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base;)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	NM	NM	NM	NM	30	NM	0.22
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	BELOW	BELOW	BELOW	BELOW
PATIENT	NM	NM	NM	48.3 lbs	3.1 max	2.5	

HOSPITAL NAME

West Prince AH

ULTRASONOGRAPHIC FINDINGS

Pericardial effusion and tamponade.

REFERRING VET

Dr. Beard

No obvious masses, however, right irregular auricular free wall was present.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INVOICE

42660

I cannot rule out an underlying neoplastic event, yet is not obvious. Pericardiocentesis is warranted. Chest CT would be ideal in this patient. An abdominal sonogram is warranted to assess for comorbidity that may potentially be related to hemangiosarcoma such as splenic or hepatic masses. Occult cardiac neoplasia such as hemangiosarcoma, other neoplasia, idiopathic pericardial effusion/pericarditis is also possible.

DATE

2/9/23



PATIENT

Bandit Styers

SPECIES

Canine

BREED

Australian Shepherd Mix

SEX

Neutered male

AGE

12 years

WEIGHT

48.3 lbs

INTERPRETED BY

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HOSPITAL NAME

West Prince AH

REFERRING VET

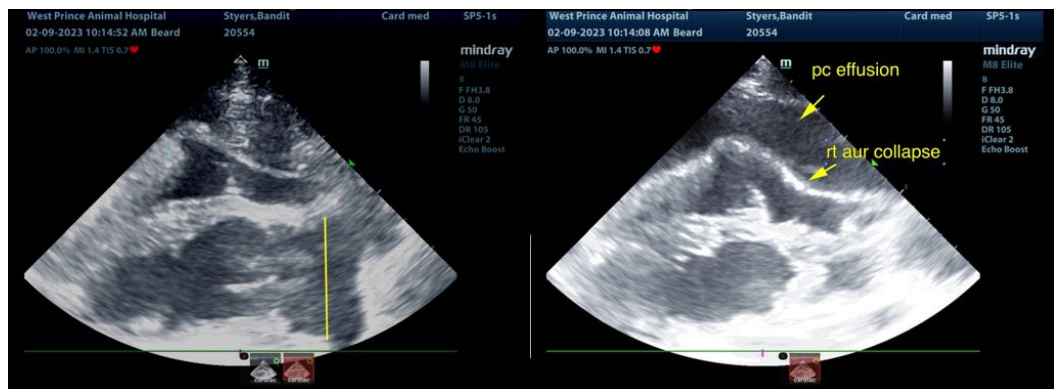
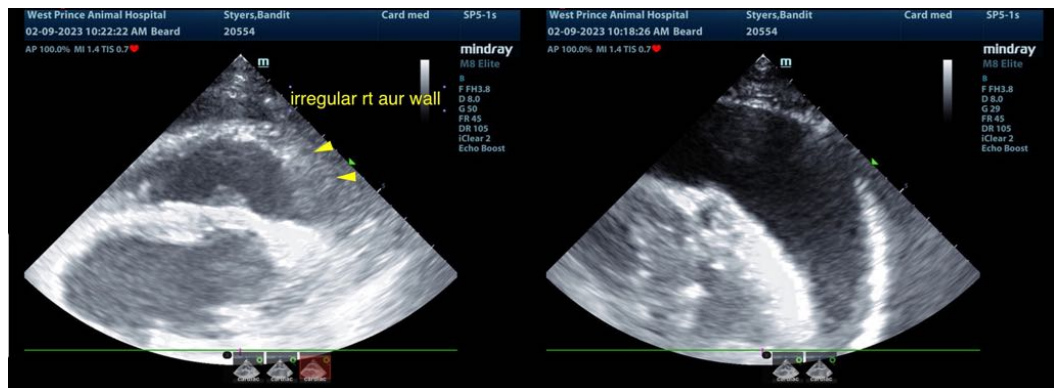
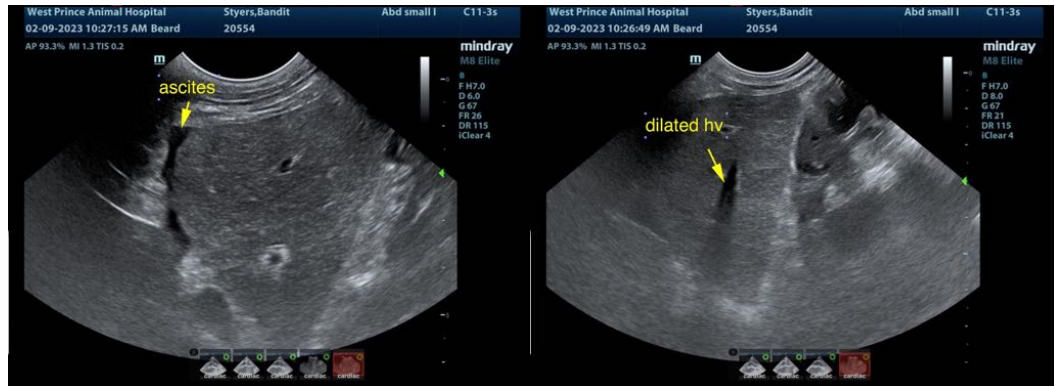
Dr. Beard

INVOICE

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DATE

2/9/23



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
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