


PATIENT PRESENTING CLINICAL SIGNS

Bane Shaffer Acute onset of respiratory distress, unable to sleep and eating a decreased amount. Labored breathing for 2 days.

SPECIES Abnormal PE/Chem/CBC/UA Results: Erratic heartrate, pulse deficient, areas of dullness throughout the chest. Radiographs reveal plural effusion and loss of cardiac silhouette. Chemistry = mild increase in SAP. CBC = WNL. Electrocardiogram = ventricular tachyarrhythmia.

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

English Mastiff

SEX

Neutered Male

AGE

9 Years

WEIGHT

155 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harold Mike Beard

HOSPITAL NAME

Animal Care
Veterinary Center

REFERRING VET

Dr. Patrick Spivey

INVOICE

40344

DATE

8/11/22

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			1.2	--	--	--	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	BELOW	BELOW	BELOW	BELOW
PATIENT	--	--	--		~3.5	--	

Cardiac Presentation

The cardiac presentation was limited owing to respiratory distress and respiratory artifact. Left atrial size appeared unremarkable. Arrhythmogenic activity noted. The right atrium and right ventricle were dilated, as was the pulmonary artery. An approximately 3.0 cm x 2.0 cm tissue density was noted in the area of the right auricle and pericardium. Slight pericardial and pleural effusion present.

ULTRASONOGRAPHIC FINDINGS

- Non-cardiogenic pleural effusion
- Trace pericardial effusion
- Tissue density in the right auricle
- Arrhythmogenic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further imaging under sedation to confirm the presence of suspected right auricular mass would be warranted. EKG indicated. Strong concern for thoracic/cardiac neoplasia. Ultrasound guided pleurocentesis also recommended. Abdominal sonogram recommended to assess for comorbidities such as possible splenic neoplasia.



PATIENT

Bane Shaffer

SPECIES

Canine

BREED

English Mastiff

SEX

Neutered Male

AGE

9 Years

WEIGHT

155 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harold Mike Beard

HOSPITAL NAME

Animal Care
Veterinary Center

REFERRING VET

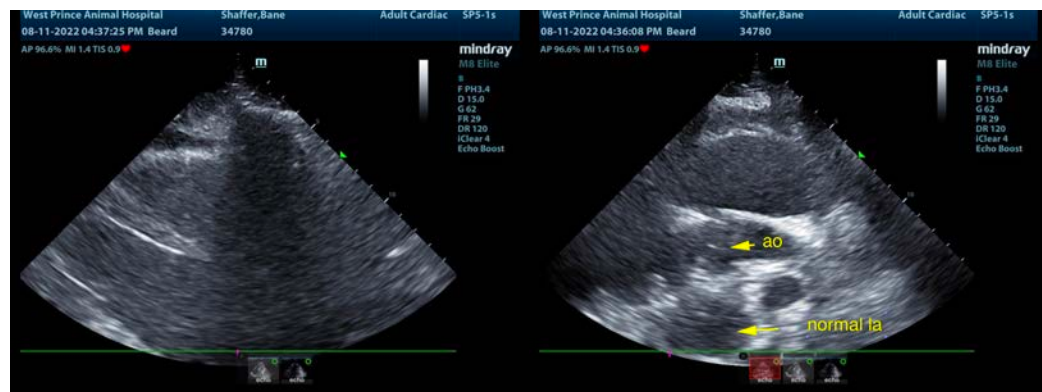
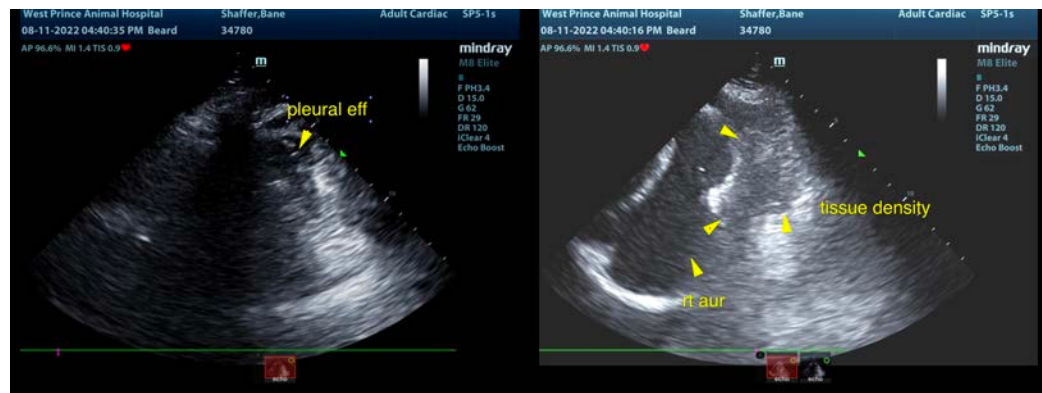
Dr. Patrick Spivey

INVOICE

40344

DATE

8/11/22



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