

PATIENT PRESENTING CLINICAL SIGNS

Trixie Wooten History: 10 yo f/s daschund with Grade3/6 heart murmur, pre dental echo

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

10 years

WEIGHT

14 lbs

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

IMAGING PERFORMED BY

Dr. Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

Dr. Petrone

INVOICE

98032

DATE

4/5/22

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	Severe	Scant	1:1, but under estimated	1.92 but under estimated	34	Not measured	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	Not measured	Not measured	Approx. 0.57	6.36 kg	Not measured	3.12 LVIDNd = 1.81	2.06

- Moderate to marked myxomatous degeneration of both leaflets. The anterior leaflet is more severely affected compared to the posterior leaflet.
- Moderate to marked prolapse of both leaflets.
- Marked mitral regurgitation.
- Severe left atrial enlargement (LAN = 2.1).
- Left atrium maximum (long axis view) = 3.85 cm.
- Mild to moderate left auricular enlargement.
- Very mild myxomatous degeneration of the tricuspid valve with trivial tricuspid regurgitation.
- No right ventricular or atrial enlargement.
- Pulmonic valve, no abnormalities.
- Pulmonary veins, no abnormalities.
- Pulmonary artery - bifurcation, no abnormalities.
- Pulmonary artery: aortic ratio within normal limits.



PATIENT

Trixie Wooten

- No signs of heart worm.
- No signs of pericardial or pleural effusion or pulmonary edema.
- No obvious signs of a mass.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Dachshund

- Myxomatous degeneration of the mitral valve with prolapse of both leaflets and marked left atrial enlargement, ACVIM stage B2.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Treatment with pimobendan is indicated based on the results of the EPIC study, and recommended.

Spayed Female

If possible (i.e. if not painful), the dentistry should be postponed for approximately 2-4 weeks while initiating therapy with pimobendan, as this will help stabilize Trixie's heart prior to the procedure.

AGE

10 years

Treatment with an ace inhibitor is not necessary based on published literature.

WEIGHT

14 lbs

Other suggestions/recommendations include:

- Evaluation of blood pressure
- Treatment with pimobendan
- Postponement of general anesthesia for at least 2-4 weeks to stabilize the heart with pimobendan.
- Monitoring of the resting (sleeping) respiratory rate is highly recommended to obtain a baseline. It should be monitored once to twice a day for 4 to 6 weeks following the dentistry, and then continue once to twice a week thereafter.

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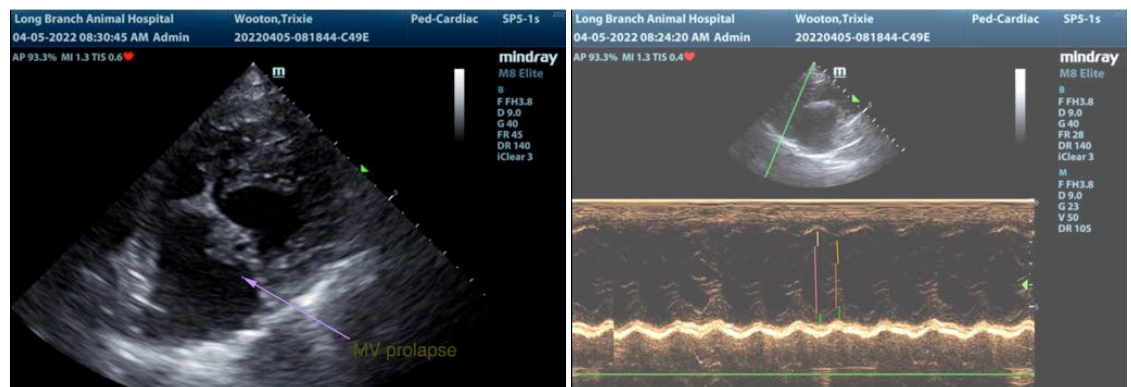
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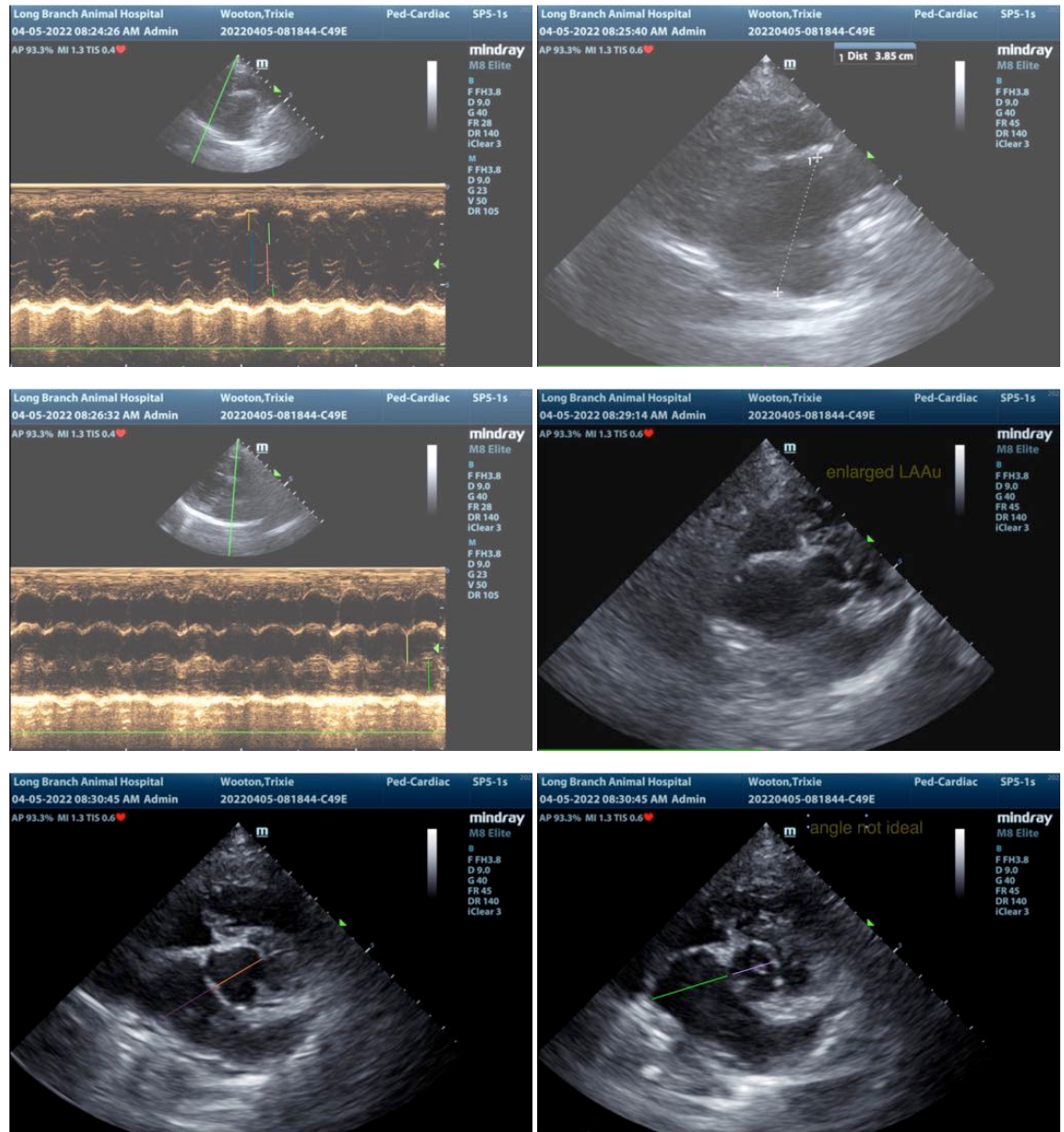
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

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