



PATIENT

Kinley Hakim

SPECIES

Canine

PRESENTING CLINICAL SIGNS

13 yo female intact. Grade 3-4 left sided systolic murmur. History of collapsing trachea, no coughing reported.

Abnormal PE/Chem/CBC/UA Results: blood work pending

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

Shih Tzu

SEX

Female

AGE

13 Years

WEIGHT

5.6 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	(0.9-1.3)	28-40	40-100	<0.6
PATIENT	PW >1.5	1	1.5	1.6	49	Not measured	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D long 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	0.48	2.54 kg	2.46	M-mode 2.27	M-mode 1.15

INTERPRETED BY

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

IMAGING PERFORMED BY

Dr. Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

Dr. Elaina Petrone

INVOICE

36755

DATE

4/7/22

- Moderate to marked myxomatous degeneration of the anterior leaflet and moderate of the posterior leaflet.
- Moderate prolapse of both leaflets, the anterior leaflet is slightly more affected than the posterior leaflet.
- Moderate to marked mitral regurgitation.
- Marked left atrial enlargement (LAN = 1.78).
- Mild to moderate left auricular enlargement.
- Mild left ventricular enlargement (LVIDND = 1.72; LVIDNS = 0.89)
- Mild myxomatous degeneration of the tricuspid valve.
- Very mild prolapse of the posterior leaflet of the tricuspid valve.
- Trivial tricuspid regurgitation.
- No right ventricular or atrial enlargement.
- Pulmonic valve, no abnormalities.
- Pulmonary veins, no abnormalities.



PATIENT

Kinley Hakim

- Pulmonary artery - bifurcation, no abnormalities.
- Pulmonary artery: aortic ratio within normal limits.
- No obvious signs of heart worm.

SPECIES

Canine

- No signs of pericardial or pleural effusion
- No evidence of pulmonary edema.

BREED

Shih Tzu

- No obvious signs of a mass.

ULTRASONOGRAPHIC FINDINGS

SEX

Female

- Myxomatous degeneration of the mitral valve, ACVIM stage B2

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

13 Years

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

Other suggestions/recommendations include:

WEIGHT

5.6 Pounds

- Evaluation of blood pressure
- Treatment with pimobendan (Vetmedin) at a dose of 0.25-0.30 mg/kg by mouth every 12 hours

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

- Monitoring of the resting (sleeping) respiratory rate is highly recommended twice a week. He should be *sleeping soundly* when calculated. It should not be greater than 30 breaths per minute, or if a gradual increase (over a day or two) is observed towards 30 bpm, clients should be advised to contact a veterinarian.

IMAGING PERFORMED BY

Dr. Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

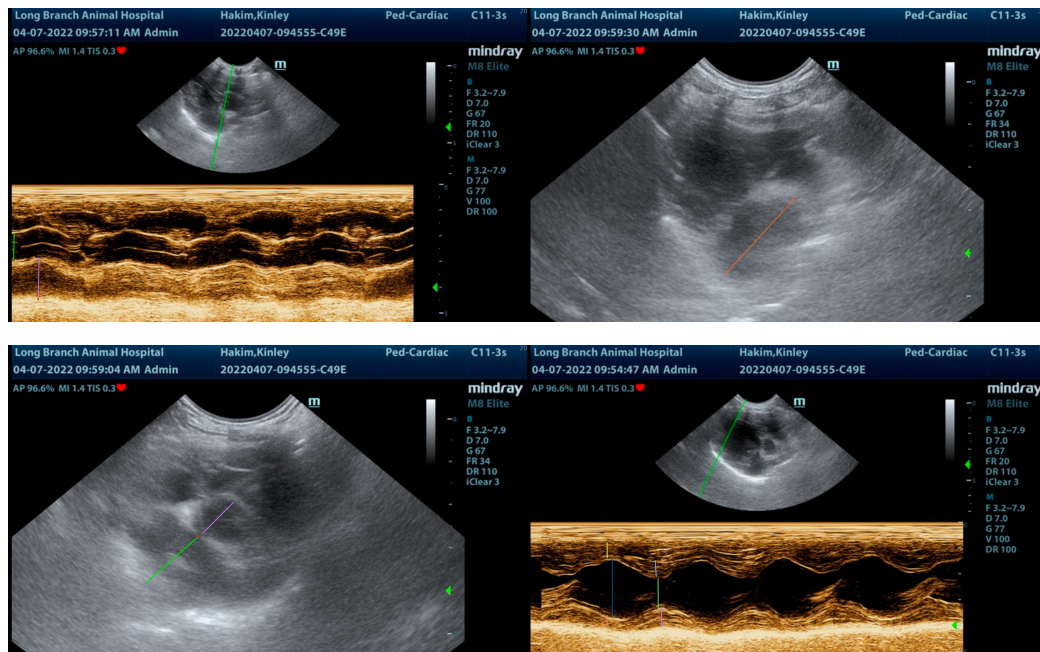
Dr. Elaina Petrone

INVOICE

36755

DATE

4/7/22





PATIENT

Kinley Hakim

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.

SPECIES

Canine

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.

BREED

Shih Tzu

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

Lisa.Carioto@sonopath.com

SEX

Female

AGE

13 Years

WEIGHT

5.6 Pounds

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

**IMAGING
PERFORMED BY**

Dr. Elaina Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

Dr. Elaina Petrone

INVOICE

36755

DATE

4/7/22