



PATIENT

Chompers Cassidy

PRESENTING CLINICAL SIGNS

History: 12 yo MN Chihuahua grade 3/6 murmur, LA: AO in 2020 was 1.11, now is 1:1.9

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

Chihuahua

SEX

Neutered male

AGE

12 years

WEIGHT

15 lbs

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	Moderate	3.3	1.92	38	NM	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	NM	1.0	Approx 0.9	6.82 kg	NM	4.3	2.68

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

**IMAGING
PERFORMED BY**

Dr. Petrone

HOSPITAL NAME

Long Branch AH

REFERRING VET

Dr. Petrone

INVOICE

98054

DATE

4/5/22

- Mild to moderate myxomatous degeneration of both leaflets. The anterior leaflet is more severely affected compared to the posterior leaflet.
- Mild prolapse of both leaflets.
- Marked mitral regurgitation.
- Severe left atrial enlargement.
- Left atrium maximum (long axis view) = 3.36 cm.
- Mild to moderate left auricular enlargement.
- Mild to moderate myxomatous degeneration of the tricuspid valve with moderate tricuspid regurgitation.
- No right ventricular or atrial enlargement.
- Pulmonic valve, no abnormalities.
- Pulmonary artery - bifurcation, no abnormalities.
- Pulmonary artery: aortic ratio within normal limits.
- No signs of pericardial or pleural effusion or pulmonary edema.
- No obvious signs of a mass.



PATIENT

Chompers Cassidy

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

12 years

WEIGHT

15 lbs

INTERPRETED BY

Lisa Carioto, DVM,
DVSc, Diplomate
ACVIM

**IMAGING
PERFORMED BY**

Dr. Petrone

HOSPITAL NAME

Long Branch AH

ULTRASONOGRAPHIC FINDINGS

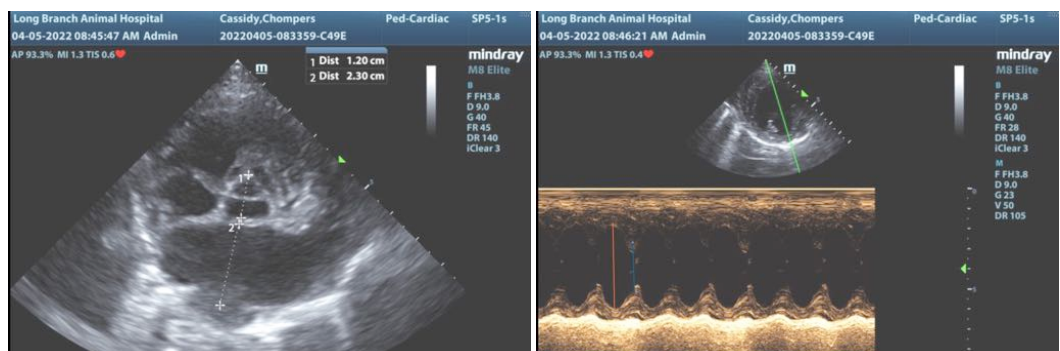
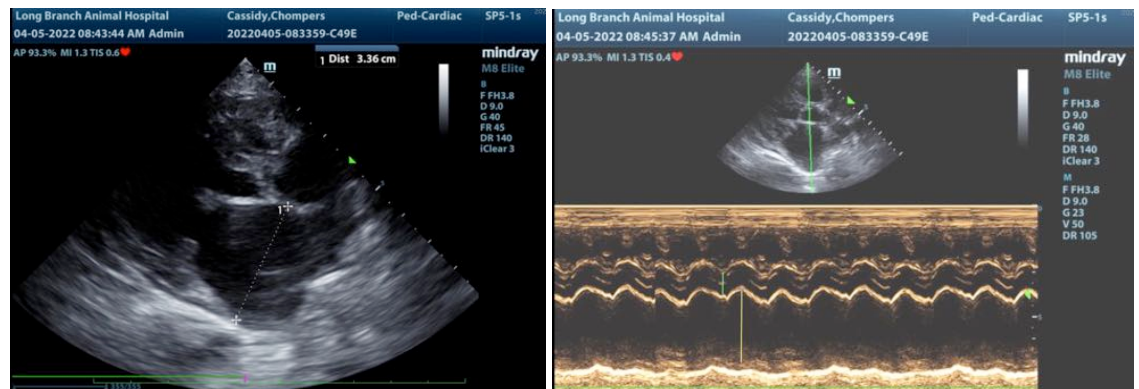
- Myxomatous degeneration of the mitral valve with prolapse of both leaflets and marked left atrial enlargement, ACVIM stage B2

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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

Other suggestions/recommendations include:

- Evaluation of blood pressure
- Treatment with pimobendan
- Monitoring of the resting (sleeping) respiratory rate is highly recommended. It should remain less than 30 breaths per minute.



REFERRING VET

Dr. Petrone

INVOICE

98054

DATE

4/5/22

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.

Lisa Carioto, DVM, DVSc, Diplomate ACVIM

Lisa.Carioto@sonopath.com