



PATIENT

Zoey Bessel

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

14 years

WEIGHT

9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Bill McGee DVM,
DABVP

HOSPITAL NAME

Bridgeport Animal
Hospital PLLC

REFERRING VET

Dr. McGee

INVOICE

71931

DATE

2/25/26

PRESENTING CLINICAL SIGNS

- Went to an emergency clinic for respiratory issues. Was diagnosed as heart failure/enlarged heart. Started on furosemide and Pimobendan. Echocardiogram was recommended

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Prolapse of the anterior mitral valve leaflet was noted. Doppler indicated measurable insufficiency. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** insufficiency was noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window. The patient was tachycardic.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	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	5.77	-	1.4		50	90	0.2
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	170	1.02	0.91	9 lbs	2.14	1.76	

ULTRASONOGRAPHIC FINDINGS

Compensated B2+-C1 valvular disease.
Tachycardia.



PATIENT

Zoey Bessel

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

14 years

WEIGHT

9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Bill McGee DVM,
DABVP

HOSPITAL NAME

Bridgeport Animal
Hospital PLLC

REFERRING VET

Dr. McGee

INVOICE

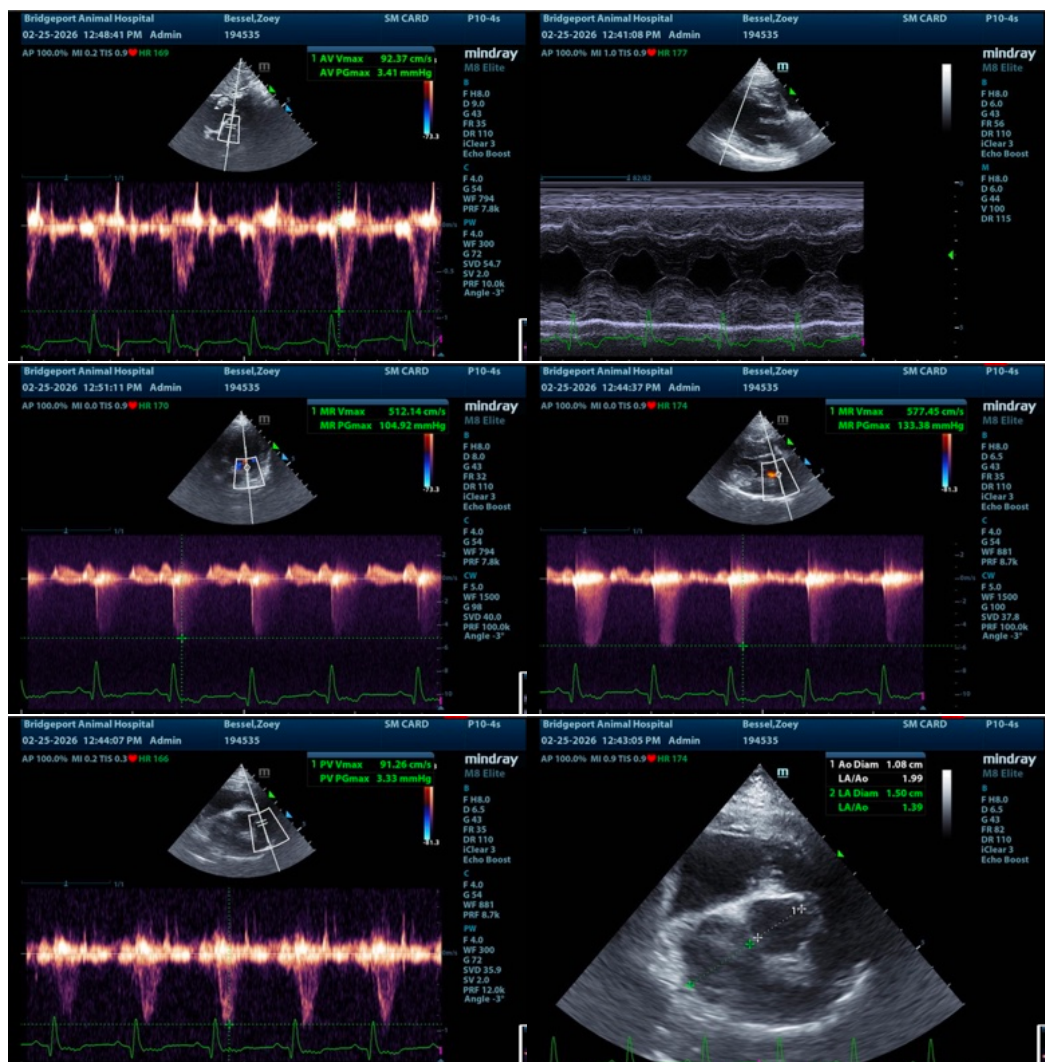
71931

DATE

2/25/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient appears to be compensated at this time with the current protocol of Pimobendan and Furosemide. I recommend continuation of the Pimobendan adding an ace inhibitor at 0.5 mg/kg s.i.d. progressing to b.i.d. and Spironolactone at 1-2 mg/kg s.i.d. and reducing Furosemide to minimal effective dose. Recheck echocardiogram is recommended in a month. Currently the left atrial and left ventricular size appear to be fairly normal, yet given the mitral valve prolapse and the presumed response to therapy this patient was likely in left sided failure, yet currently compensated. Adjustment of medication is for long term management to ensure that Furosemide is available if the patient has further decompensation.





PATIENT

Zoey Bessel

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

14 years

WEIGHT

9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Bill McGee DVM,
DABVP

HOSPITAL NAME

Bridgeport Animal
Hospital PLLC

REFERRING VET

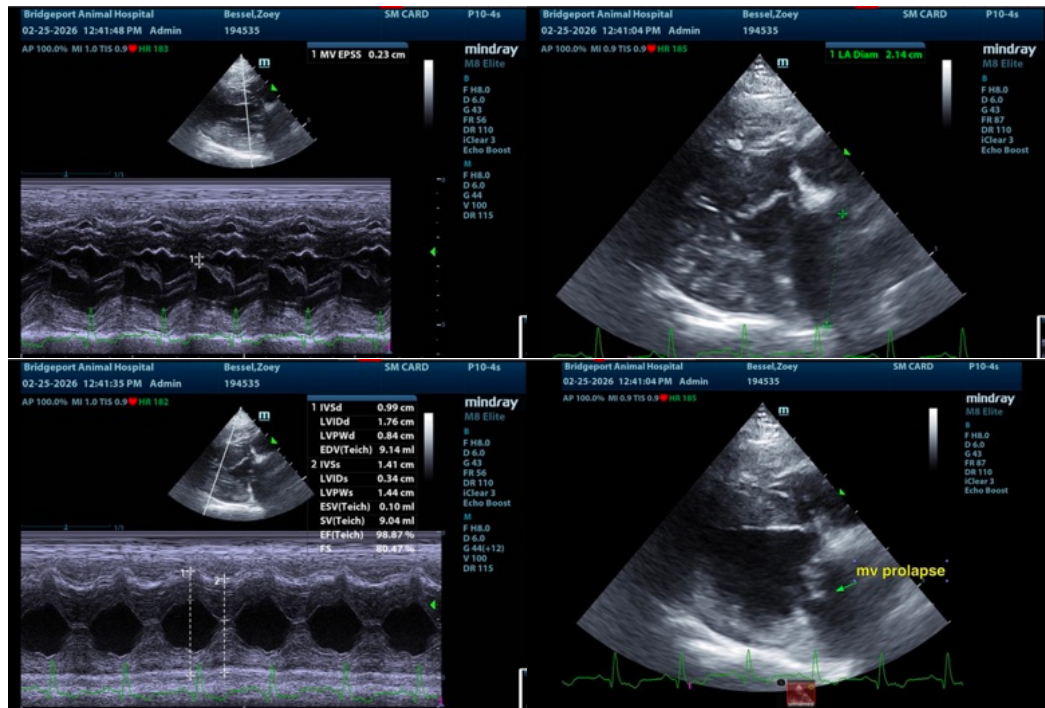
Dr. McGee

INVOICE

71931

DATE

2/25/26



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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com