



PATIENT

Maggie Lizzo

SPECIES

Canine

BREED

Mini Schnauzer

SEX

Spayed Female

AGE

7 Years 3 Months

WEIGHT

18 pounds

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Morris Plains VCA

REFERRING VET

Dr. Burke

INVOICE

12598

DATE

12/05/25

PRESENTING CLINICAL SIGNS

Grade 1-2/6 HM. P has meningoencephalitis takes pred, kepra and eflunamide. O wants dental. Advised that procedure will have to be done at specialty hosp. Med- pred, kepra, leflunomide

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (m-mode long axis)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	NM	N/A	1.3	1.6	50	NM	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	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	139	1.8	1.2	8.2	2.9	3.0	1.5

Cardiac Presentation

The **left atrium** is of normal size, with no evidence of spontaneous echo contrast or thrombus formation. The **left ventricle** is of normal size and exhibits appropriate systolic function. The **right atrium** is subjectively of normal size and **right ventricular** dimensions, and systolic function are subjectively normal. The **mitral and tricuspid valves** exhibit normal appearance and function, with no turbulence noted, and no vegetative lesions were seen. There is a trivial jet of mitral regurgitation identified. The **aortic and pulmonic valves** appear normal, and there is normal laminar flow in the left and right ventricular outflow tracts. The **main pulmonary artery** appears normal. There is no evidence of effusions, and no cardiac masses are seen. There is no evidence of an arrhythmia.

ULTRASONOGRAPHIC FINDINGS

- Normal canine heart
- Presumed physiologic murmur

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- No cardiac medications are indicated at this time
- No special anesthetic protocols are needed, should anesthesia be warranted in the near future
- While this patient is not at increased risk for heart disease, they could develop acquired heart disease in the future just as any dog might. Thus, if the murmur increases in intensity, or symptoms of heart disease occur, a recheck echocardiogram would be recommended.



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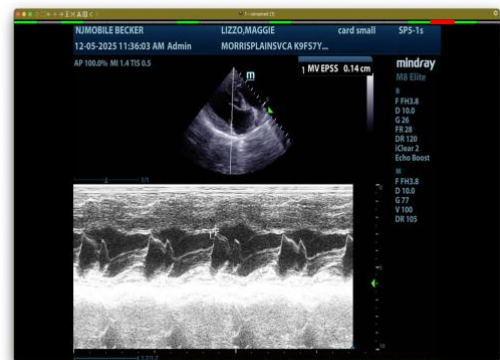
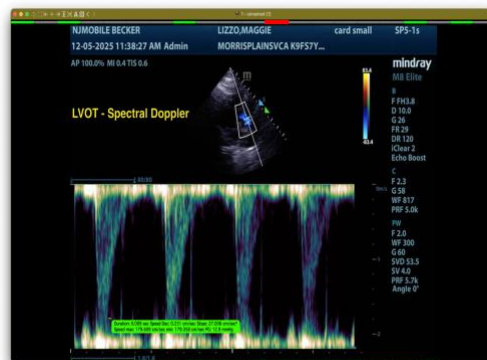
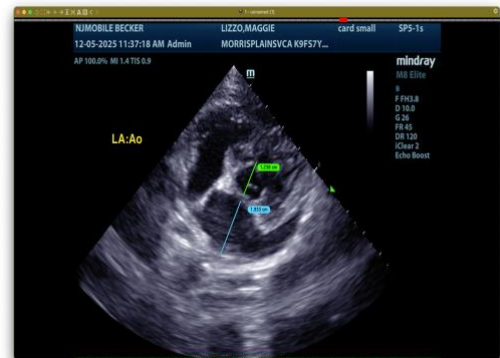
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Tam Mengine, DVM, DABVP (canine/feline practice)

info@SonoPath.com