



PATIENT

Blue Willis

SPECIES

Canine

BREED

Pit Bull

SEX

Spayed female

AGE

6 years

WEIGHT

72.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

PRESENTING CLINICAL SIGNS

- 3/6 heart murmur
- Aortic stenosis previously diagnosed
- previous cardiac workup 1/23/25
- H/O Interdigital cysts/atopy
- BP: 150 mmHg, lf, 5 cm Obese

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. **Mitral** valve insufficiency was noted with a centralized jet. 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. Slight tissue obstruction was noted at the **left ventricular outflow** tract as an appendage of the left ventricular septum. This is consistent with subaortic stenosis. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinesis. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** 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. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window.

IMAGING PERFORMED BY

Dr. Striano Kaplan

HOSPITAL NAME

Ramsey VH

REFERRING VET

Dr. Kaplan

INVOICE

73627

DATE

3/19/26

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	-	-	1.0	1.4	40	80	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		NM	NM	72.7 lbs	3.85	4.5	



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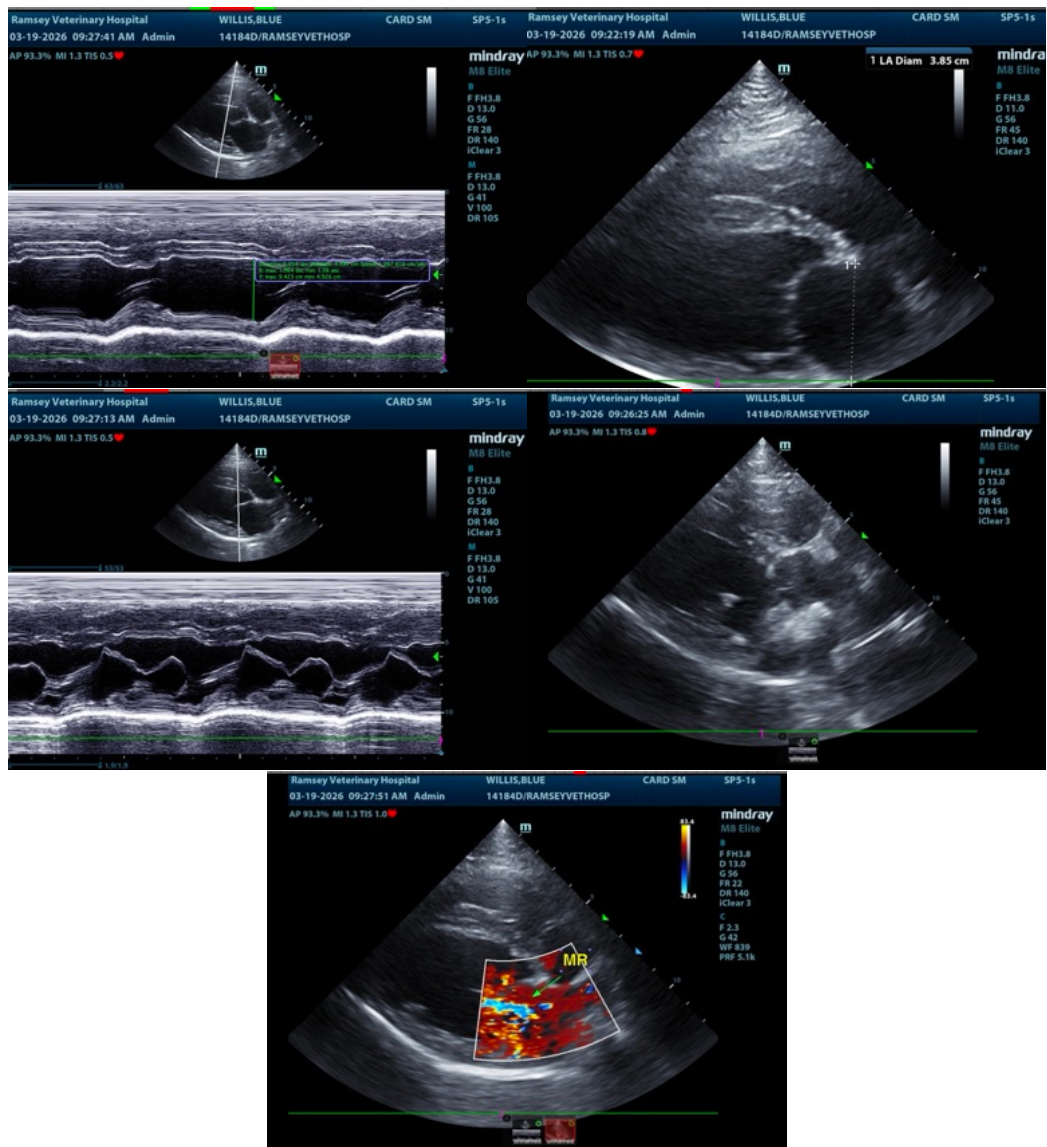
ULTRASONOGRAPHIC FINDINGS

Mitral insufficiency.

Lesion consistent with subaortic stenosis, yet no secondary changes regarding volume overload or pressure overload.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The heart appears stable.





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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.

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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.

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info@SonoPath.com

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