



PATIENT

Sadie Hazard

SPECIES

Canine

BREED

Doodle

SEX

Spayed female

AGE

12 years

WEIGHT

27.2 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS, CEO of
SonoPath.com

IMAGING PERFORMED BY

Dr. Pfannenstiel

HOSPITAL NAME

Mill Brook Animal
Clinic VBF

REFERRING VET

Dr. Pfannenstiel

INVOICE

71494

DATE

2/11/26

PRESENTING CLINICAL SIGNS

- New 3/6 heart murmur. Significant allergies. Needs a dental
- Thoracic Radiographs (30/01/2026 - Radiologist Review): Mild, generalized cardiomegaly was noted, with a vertebral heart score (VHS) of 11.4 (reference range 8.7-10.7). A mild, diffuse bronchial to bronchointerstitial lung pattern was present. There was no evidence of pulmonary consolidation or pleural effusion. Spondylosis deformans was noted at L1-2.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

8 still images and 15 videos were submitted

The echocardiogram in this patient presented thickened and vegetative mitral valve with normal volumes and adequate contractility. The right atrium and right ventricle were unremarkable. There was no evidence of pericardial or pleural effusion. Color flow demonstrated insufficiency jets at the level of the mitral valve. This is consistent with stage B1 valvular disease. There was no evidence of volume overload present.

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	NM	NM	1.1	NM	45	0.1	0.1
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	80	NM	NM	27.2 lbs	3.1 max	2.4	

ULTRASONOGRAPHIC FINDINGS

Stage B1 valvular disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no contraindication to anesthetic procedure as long as blood pressures and EKG are normal.

The heart is stable without clinical disease. No overt contraindication for anesthesia of brief to moderate duration. I suggest Torbutrol premed, Propofol induction, Isoflo maintenance or similar protocol if anesthesia is desired. Blood pressure recommended if not already performed and target



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white coat negative systolic pressure of < 160 mmHg. If higher than this ACE-inhibitor is suggested to reach this level. Recheck echocardiogram is recommended in 6 months, earlier if murmur grade increases or clinical signs initiate.

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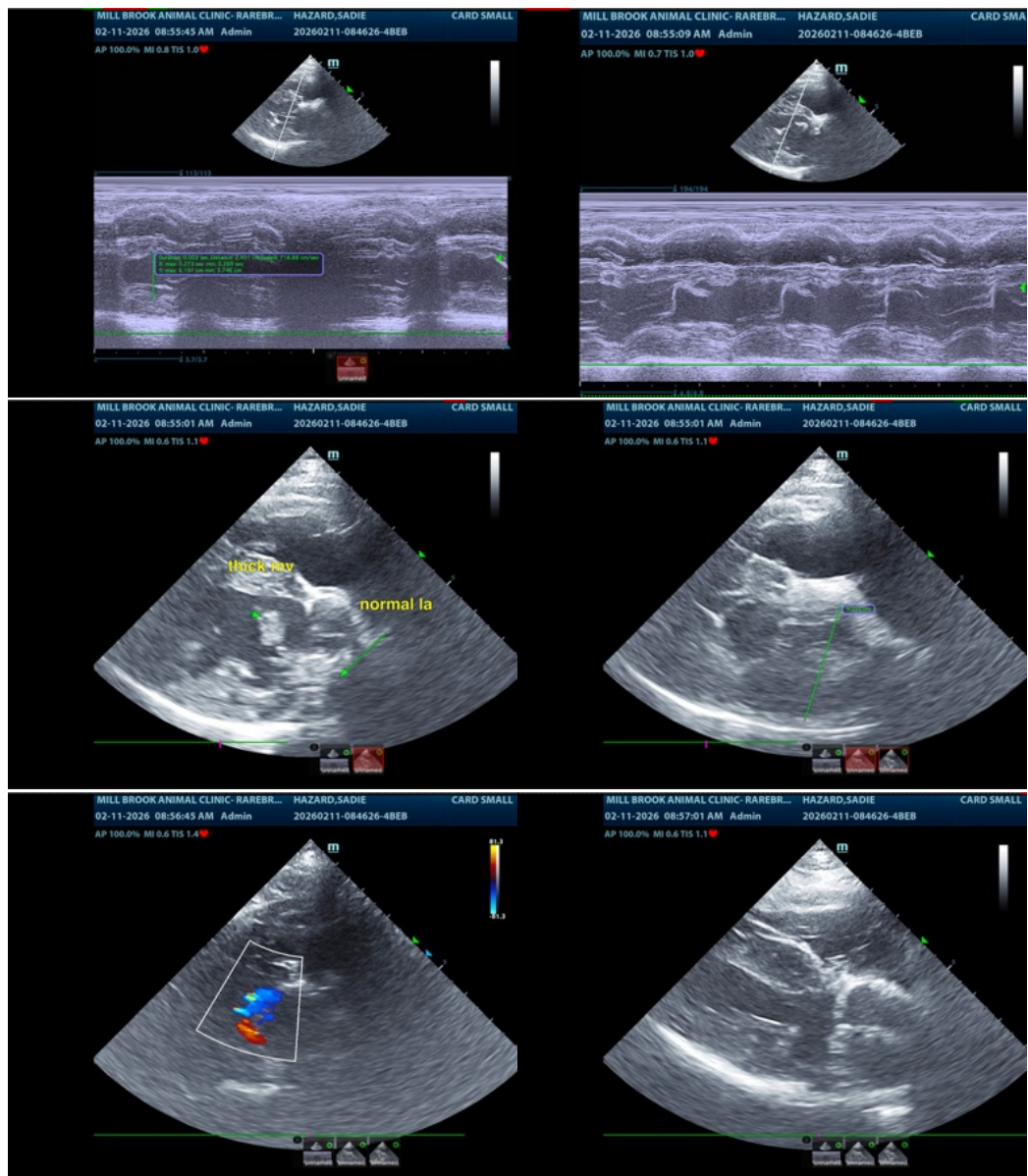
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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