



PATIENT

Moe Sandlin

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

15 Years

WEIGHT

1.87 kg

INTERPRETED BY

Brad Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Dr. Ethan Bloomer

HOSPITAL NAME

Echosound Veterinary
Mobile Imaging
Services

REFERRING VET

Dr. Tyler Perkins

INVOICE

73484

DATE

3/7/26

PRESENTING CLINICAL SIGNS

Patient has a history of a Grade 4-5/6 systolic heart murmur. Last radiographs and an EKG were performed in 2024 and reviewed by specialists, and both were predominantly WNL.

The patient currently has a tooth root abscess, and echo was recommended to assess if anesthesia would be safe for a dental cleaning.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	BW	HR BPM	LAD 4 ch Long	RAD 4 ch Long	La/Ao Heart Base	LVIDd	LVIDs
NORMAL PARAMETER		50-100			<1.6		
PATIENT	1.87	NM	2.02	1.38	1.11	1.18	0.39
CANINE CARDIAC PARAMETERS	FS	EPSS	PV V MAX (m/s)	AV V Max (m/sec)	MR Vmax	TR Vmax	RPA distensibility (normal >30%)
NORMAL PARAMETER	28-40	<0.6	0.7-1.6	0.7-1.7	4.5-5.5	< 2.7	
PATIENT	67	0.2	1.0	1.3	5.0	3.1	NM

Cardiac Presentation

The left atrium is upper limits of normal in dimension. The left ventricle is normal in dimension, with normal systolic function. The right atrium and ventricle are normal in dimension, with normal systolic function. The anterior and posterior mitral valve leaflets are thickened and redundant consistent with myxomatous changes, and there is severe prolapse. There is mild mitral regurgitation identified. The tricuspid valve leaflets are thickened and redundant, with mild tricuspid regurgitation and significant pulmonary hypertension. The left ventricular outflow tract demonstrated normal laminar flow and the visible aorta is unremarkable. The right ventricular outflow tract assessment revealed normal laminar flow, and appropriate diameter and distensibility. There is no pulmonic and no aortic valve insufficiency identified. There is no visible pericardial, pleural, or free peritoneal fluid documented. No evidence of hepatic venous congestion is noted. The cardiac chambers, pericardial and visible extra-cardiac regions were free of masses, spontaneous echo contrast, or thrombi.

ULTRASONOGRAPHIC FINDINGS

- These findings are consistent with degenerative/myxomatous mitral valve disease with minimal to mild hemodynamic effects consistent with ACVIM Stage B1 disease. It is unlikely that any current morbidity is of cardiac origin.



PATIENT

Moe Sandlin

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

15 Years

WEIGHT

1.87 kg

INTERPRETED BY

Brad Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Dr. Ethan Bloomer

HOSPITAL NAME

Echosound Veterinary
Mobile Imaging
Services

REFERRING VET

Dr. Tyler Perkins

INVOICE

73484

DATE

3/7/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to anesthesia, fluid therapy, vasopressor therapy, or corticosteroids as indicated for further assessment and treatment. If not already performed, baseline thoracic radiographs and blood pressure are recommended. A recheck echocardiogram is recommended in 6 months.

Anesthesia considerations:

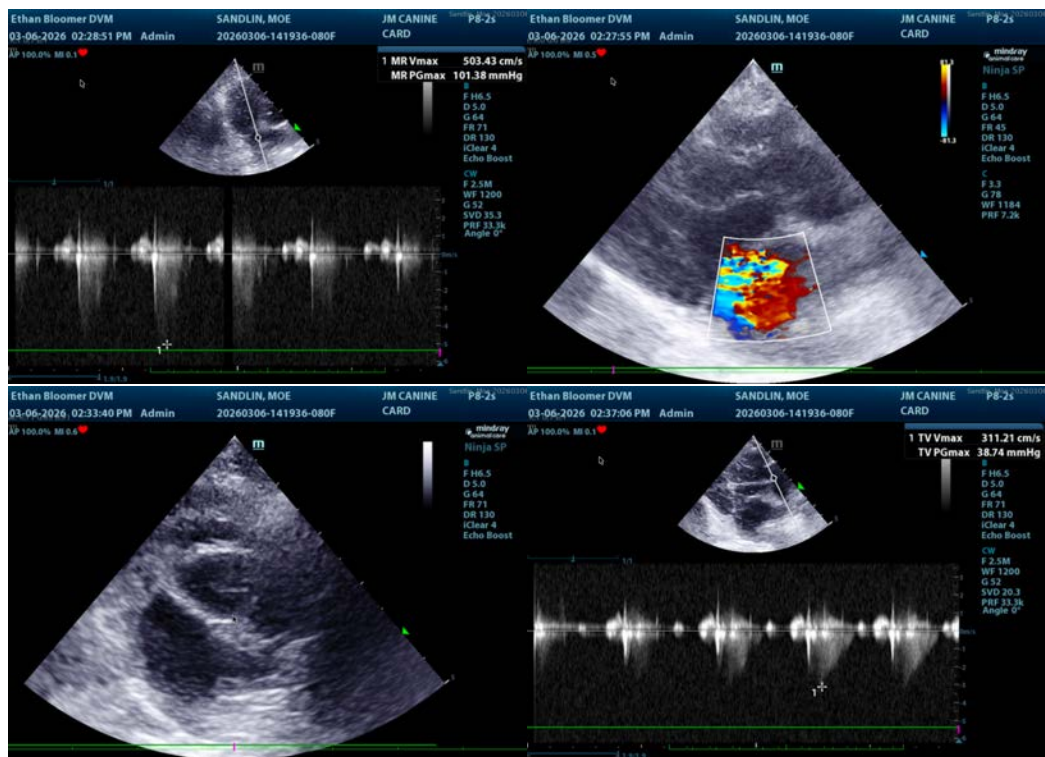
If anesthesia is necessary, alpha-2 agonists, ketamine, high dose acepromazine, and Telazol should be avoided. Fluid therapy during anesthesia should be considered at a conservative rate (e.g., 5 ml/kg/hour) if possible.

Diet:

A high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina that is highly palatable with adequate protein and calories for maintaining optimal body condition is reasonable.

Activity:

No special considerations are necessary.





PATIENT

Moe Sandlin

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

15 Years

WEIGHT

1.87 kg

INTERPRETED BY

Brad Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Dr. Ethan Bloomer

HOSPITAL NAME

Echosound Veterinary
Mobile Imaging
Services

REFERRING VET

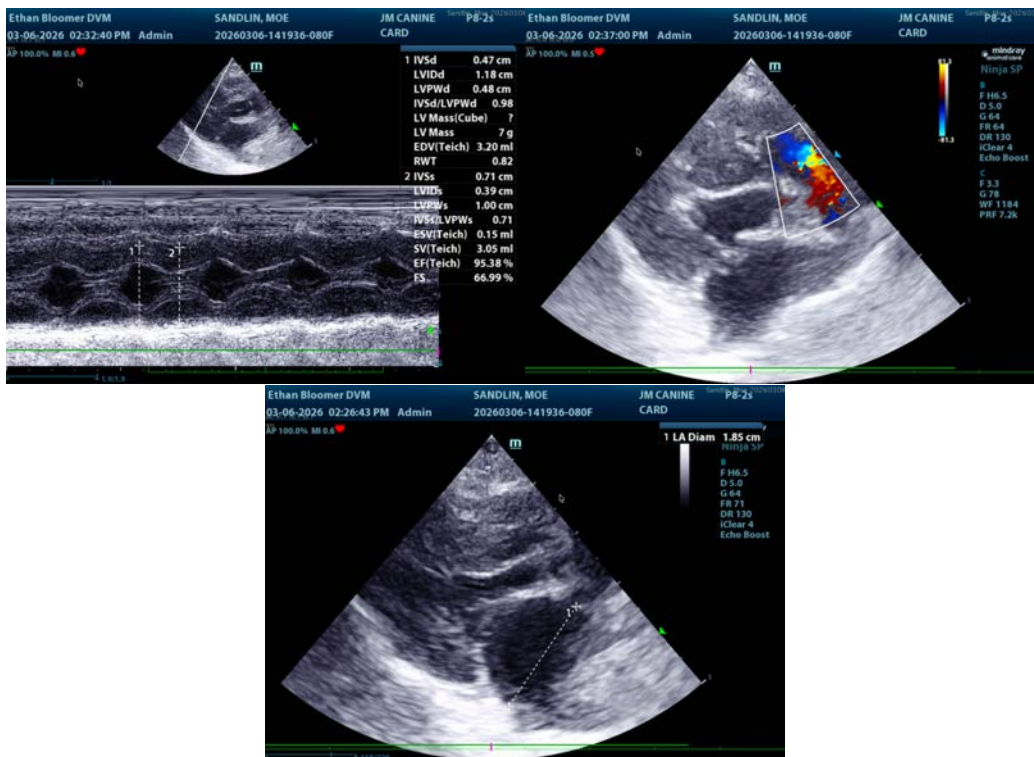
Dr. Tyler Perkins

INVOICE

73484

DATE

3/7/26



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.

Brad Harris, DVM, DACVECC, DACVIM (cardiology)

info@SonoPath.com