

**PATIENT**

Bailey Cohune

**SPECIES**

Canine

**BREED**

McNab

**SEX**

Spayed Female

**AGE**

11 Years 5 Months

**WEIGHT**

41.9 lbs

**INTERPRETED BY**

Camden Rouben DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Dr. Sarah Green

**HOSPITAL NAME**

Healing Spirit Animal  
Wellness

**REFERRING VET**

Dr. Sarah Green

**INVOICE**

16389

**DATE**

06/05/26

**PRESENTING CLINICAL SIGNS**

Grade iv/vi left sided systolic murmur first noticed in 2024. Evidence of left sided cardiomegaly noted on radiographs

Abnormal PE/Chem/CBC/UA Results: Bailey is athletic, no coughing or exercise intolerance observed at home. No significant exam abnormalities. CBC showed mild neutropenia, lymphopenia, eosinopenia, chemistry, T4

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	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	>4.0	--	NM	1.77	28.5	--	NM
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	NM	--	0.9	19	4.1	4.375	3.126

**Cardiac Presentation**

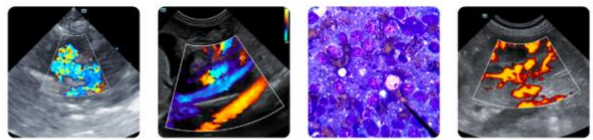
Based off of the images provided, the mitral valve leaflets are moderately thickened with moderate mitral regurgitation posteriorly directed. There is mild prolapse of the mitral valve leaflets. The left atrial size is mildly increased. The left ventricular internal dimensions during diastole are increased, and the systolic function is preserved in the face of mitral regurgitation. There is subjectively normal right atrial size. The right ventricle subjectively appears normal in structure and function. The pulmonic valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is evidence of pulmonic insufficiency that is not quantified. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses based off of the images provided.

**ULTRASONOGRAPHIC FINDINGS**

- Degenerative valve disease ACVIM stage B2 of the mitral valve.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Pimobendan therapy is recommended at 0.25 to 0.3 mg/kg by mouth every 12 hours. This will be lifelong therapy. A recheck echocardiogram is recommended in six months to monitor the condition. A sooner recheck is recommended if the patient develops cardiovascular clinical signs or the heart



**PATIENT**

murmur worsens in intensity.

Bailey Cohune

The client should start monitoring resting respiratory rate and effort at home, if not already doing so. The resting respiratory rate should be less than 35 to 40 breaths per minute when the patient is resting or sleeping. If the breathing rates are increasing, then thoracic radiographs are recommended.

**SPECIES**

Canine

A blood pressure assessment should be performed in this patient to ensure that the blood pressure is less than 160 mmHg systolic.

**BREED**

McNab

If this patient requires general anesthesia, judicious perioperative fluids are recommended due to increased left atrial size. Medications like dexmedetomidine and other alpha-2 agonists are best avoided. Ketamine is also best avoided. If needed, anticholinergics can be used in the face of a clinically significant bradyarrhythmia.

**SEX**

Spayed Female

A diet history should be performed in this patient to ensure that the patient is not on a grain-free diet or a diet containing high amounts of legumes in the first 10 ingredients.

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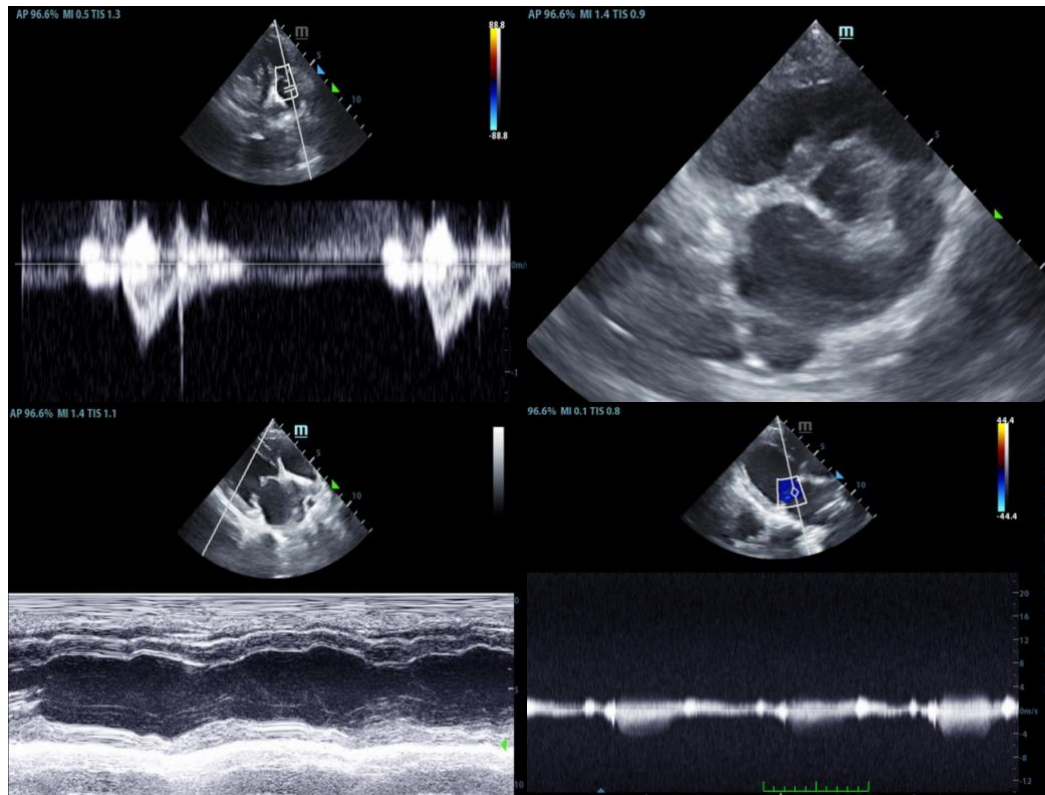
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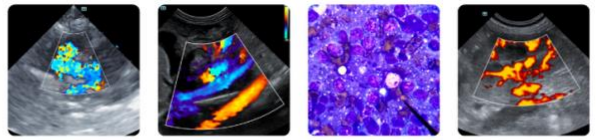
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Bailey Cohune

[info@SonoPath.com](mailto:info@SonoPath.com)

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