



PATIENT

Panda Fischer

SPECIES

Canine

BREED

Maltese

SEX

Neutered Male

AGE

13 Years

WEIGHT

9.4 pounds

INTERPRETED BY

Camden Rouben,
 DVM, DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Meghan Morse LVT,
 CVT

HOSPITAL NAME

Hillsdale Animal
 Hospital

REFERRING VET

Dr. Fischer

INVOICE

13004

DATE

01/08/2026

PRESENTING CLINICAL SIGNS

Heart murmur, possible anesthetic dentistry.

Abnormal PE/Chem/CBC/UA Results: Labs WNL

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	--	1.64	1.25	59.15	90.13	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	--	1.6	0.86	4.27	--	2.63	1.07

Cardiac Presentation

The mitral valve leaflets are moderately thickened with mild mitral regurgitation posteriorly directed. There is mild prolapse of the mitral valve leaflet. The left atrial size is normal. Left ventricular internal dimensions during diastole are mildly distended and systolic dimensions are preserved in the face of mitral regurgitation. There is normal right atrial size with mild tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic insufficiency. There is evidence of trace aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses based off the images provided.

ULTRASONOGRAPHIC FINDINGS

- This patient has evidence of degenerative valve disease ACVIM stage B1 affecting the mitral and tricuspid valves.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No cardiac medications are indicated at this time. A blood pressure assessment should be performed in this patient if not already done. This can be a progressive condition. Serial monitoring is



PATIENT

Panda Fischer

SPECIES

Canine

BREED

Maltese

SEX

Neutered Male

AGE

13 Years

WEIGHT

9.4 pounds

INTERPRETED BY

Camden Rouben,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Meghan Morse LVT,
CVT

HOSPITAL NAME

Hillsdale Animal
Hospital

REFERRING VET

Dr. Fischer

INVOICE

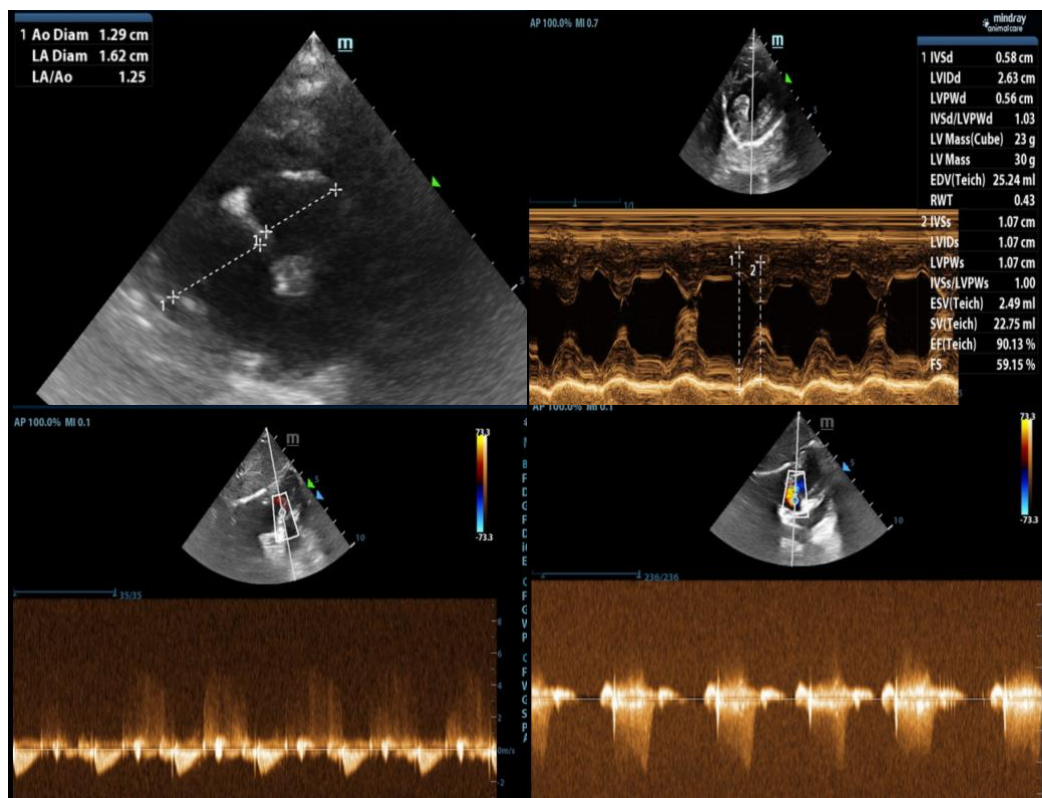
13004

DATE

01/08/2026

recommended. A recheck echocardiogram is recommended in six months or sooner if the patient develops cardiovascular clinical signs or a heart murmur is worsening in intensity. Elective anesthetic procedures should be well tolerated. 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 chest x-rays are recommended. Standard perioperative fluid rate should be well tolerated. Medications like dexmedetomidine and other alpha-2 agonists are best avoided. Ketamine is best avoided. Anticholinergics can be used in the case of a clinically significant bradyarrhythmia. Activity restriction is not warranted in this patient.



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.

Dr. Name

info@SonoPath.com