

PATIENT

Killer O'Donnell

SPECIES

Canine

BREED

Rottweiler

SEX

Neutered Male

AGE

9 Years

WEIGHT

115 pounds

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Banfield Salem

REFERRING VET

Dr. Alger

INVOICE

13563

DATE

02/03/26

PRESENTING CLINICAL SIGNS

- 2/6 left apical systolic murmur, no arrhythmia, lungs clear, normal respiratory effort *history unclear; appears to have developed within the last 1-2 years based on medical records available. Most recent bloodwork 8/9/2025 - CBC, chemistry panel - no significant findings
- **ABNORMAL Labwork Values:** NSF on most recent bloodwork August 2025
- HR/RR/BP: 120/40/NA
- Is there a Heart Murmur? If so, please grade: 2
- Current Medications: Trazodone, Gabapentin for vet visits
- Notes to Specialist (if any): Patient is in need of general anesthesia for mass removal and routine dental cleaning.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

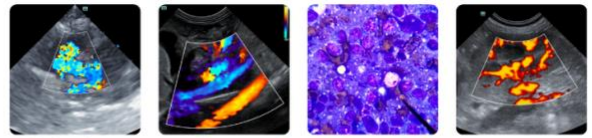
CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	NM	1.45	30.95	--	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 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	1.6	1.67	52.27	4.2	4.2	2.9

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular systolic and diastolic function is within normal limits. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on today's evaluation. 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 or 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.

ULTRASONOGRAPHIC FINDINGS

- Normal heart.



PATIENT

Killer O'Donnell

SPECIES

Canine

BREED

Rottweiler

SEX

Neutered Male

AGE

9 Years

WEIGHT

115 pounds

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Banfield Salem

REFERRING VET

Dr. Alger

INVOICE

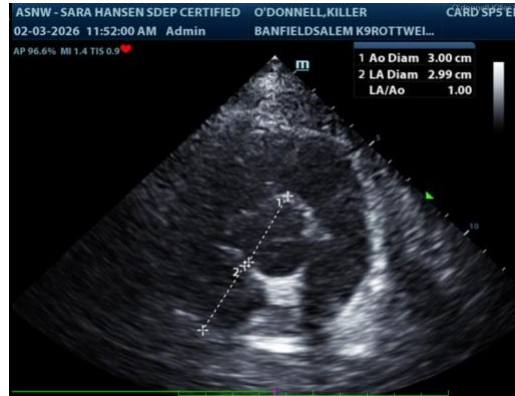
13563

DATE

02/03/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The heart is structurally normal and a cause for the murmur is not identified. To be cautious with anesthesia, you can avoid dexmedetomidine. Otherwise, no specific restrictions regarding fluid therapy are needed at this time. Due to the heart murmur being present, can consider a recheck echo in a year, sooner if the murmur is changing in intensity or the patient is developing cardiovascular clinical signs.



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.

Sara Brethel DVM, DACVIM (Cardiology)

info@SonoPath.com