



PATIENT

Maddie Martire

SPECIES

Canine

BREED

Goldendoodle

SEX

Spayed Female

AGE

11 Years 1 Month

WEIGHT

56 Pounds

INTERPRETED BY

James Wood, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Black River VH

REFERRING VET

Dr. Gano

INVOICE

37186

DATE

5/22/26

PRESENTING CLINICAL SIGNS

History: Newly auscultated grade 1/6 LAS heart murmur.
 BCS 5/9. No current medications. Abnormal PE/Chem/CBC/UA Results: WNL

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	LA long axis	LAmxN	Ao long axis	LA/AO (Heart Base; Swe, short axis)	LA/AO long axis	LVIDd	LVIDdN
NORMAL PARAMETER		<1.57		<1.6	<2.5		<1.7
PATIENT	3.33	1.22	--	1.29	3.13	1.13	--
CARDIAC PARAMETERS	Body Weight (kg)	AV VMAX (m/s)	PV MAX (m/s)	MR VMAX (m/s)	TR VMAX (m/s)	FS (%)	LVIDsN
NORMAL PARAMETER		0.7-1.7	0.7-1.6			22 - 49%	<0.9
PATIENT	24.5	1.9	0.85	--	--	51.1	0.43
CARDIAC PARAMETERS	HR (bpm)	MV E (m/s)	MV A (m/s)	MV E/A (m/s)	EF (%)	IVSdN	LVFWdN
NORMAL PARAMETER						<0.6	<0.6
PATIENT	135	0.7	0.87	0.75	55.3	0.46	0.54

Cardiac Presentation

The mitral valve is normal in appearance and motion There is trivial mitral valve insufficiency. Leaflet prolapse is not identified. The left atrial size is normal. There is a delayed relaxation pattern of LV filling. Left ventricular systolic function is within normal limits. There is normal right atrial size with trivial tricuspid valve insufficiency. 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 pulmonary valve has normal morphology, and the corresponding outflow velocity is within normal limits. The aortic valve has normal morphology. The transaortic flow velocity is mildly increased, consistent with an audible murmur. There is no evidence of pulmonary or aortic valve 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.



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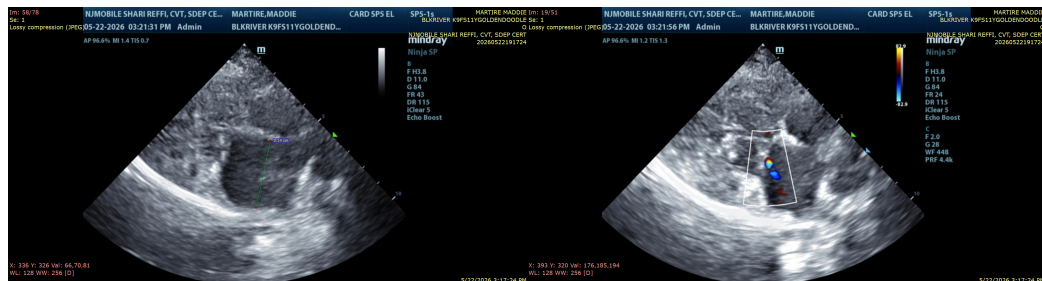
5/22/26

ULTRASONOGRAPHIC FINDINGS

- Physiologic murmur- LVOT Vmax 1.9 m/s
- Trivial mitral and tricuspid valve insufficiencies

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This echocardiogram revealed trivial valvular insufficiencies with normal chamber dimensions and function. The murmur is due to a benign physiologic cause. No cardiac medications or follow-up are necessary unless a loud or left apical systolic murmur develops or there are other concerns for acquired cardiac disease later in life.



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.

James Wood, DVM, DACVIM (Cardiology)

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