



PATIENT

Copper White

SPECIES

Canine

BREED

Australian Shepherd X

SEX

Neutered Male

AGE

11 Years

WEIGHT

10.8 lbs

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

West Hills AH

REFERRING VET

Dr. Remcho

INVOICE

35621

DATE

1/29/26

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings: 2025 P had elevated proBNP without heart murmur
- ABNORMAL Labwork Values: proBNP 1779 (2026 results are pending)
- Current Medications: Metacam for hip OA
- Notes to Specialist (if any): Echo done last year: Degenerative valve disease ACVIM Stage B1
- Primary question to be answered: recheck of cardiac status and medication recommendations if indicated.

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	--	38.62	--	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	1.23	1.19	4.9	2.34	2.33	1.43

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



PATIENT

- Structurally normal heart

Copper White

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The previous degenerative changes are not identified on the current echocardiogram, and a heart murmur is not evaluated. There is no evidence of systolic dysfunction. The cause of the patient's elevated proBNP does not appear to be primarily cardiac in nature. ProBNP can be elevated for a myriad of reasons. If continuing to monitor with serial echoes, repeat proBNPs are not necessarily needed. An echo can be performed in another year, however, I would recommend investigating ensuring all other blood work, urinalysis, and thyroid panels are all within normal limits.

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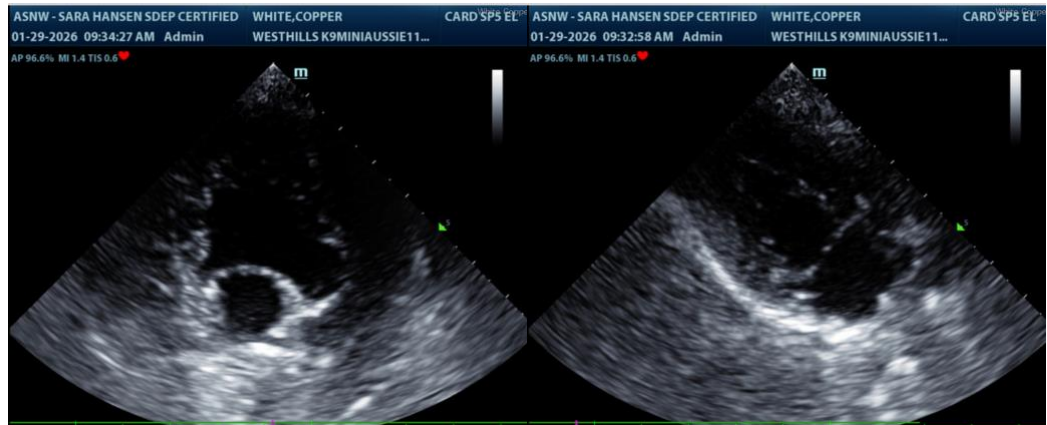
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING PERFORMED BY

Sara Hansen

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.

HOSPITAL NAME

West Hills AH

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info@SonoPath.com

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