



PATIENT

Hazel Brattin

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

3 Years

WEIGHT

9.62 Pounds

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Aumsville AC

REFERRING VET

Dr. Routledge

INVOICE

35528

DATE

1/20/26

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings: P most recently presented on 12/9/25 for recheck after being treated for suspected hepatic lipidosis starting on 10/30/25, unknown primary cause.
- PE on 12/9/25: BAR, mucous membranes still slightly icteric, but more pink, mildly tacky; scleras and pinnae no longer icteric; 1 lb of weight gain since previous month; Grade 4/6 systolic murmur (new); P has improved energy, acting more like her normal self.
- ABNORMAL Labwork Values: Emailed records.
- Blood Pressure: Blood Pressure on 12/9/25: 129/82 (98) 126/104 (111)
- HR/RR/BP: HR 220, RR 40, BP (see above)
- Is there a Heart Murmur? If so, please grade. Grade 4/6 systolic
- Current Medications: Gabapentin

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	4.37	NM	0.35	1.46	0.32	43.15	NM
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.37	1.24	1.35		1.02	1.22	NM
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

LVIDs: 0.83

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no



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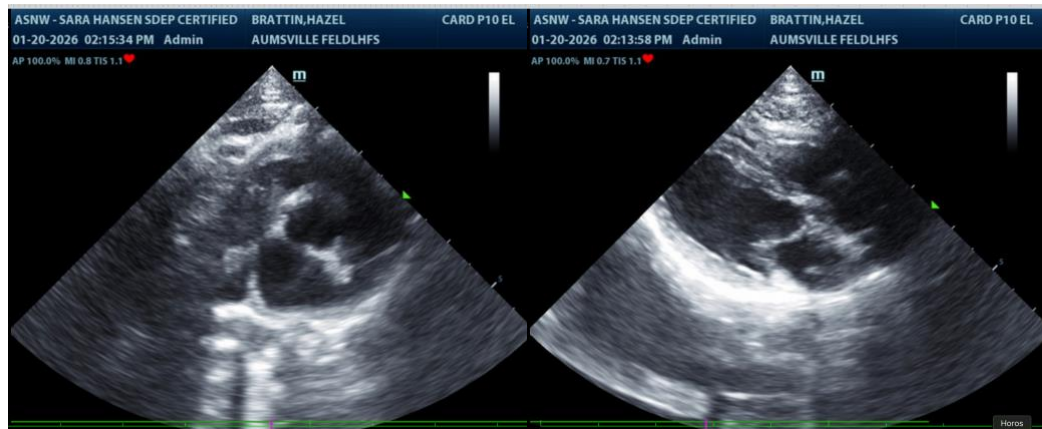
evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. 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

- Structurally normal heart

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient's heart is structurally normal. The cause of the murmur is not identified and is likely innocent. Can consider a recheck echo in 10-12 months. Alternatively, could perform a proBNP. If the proBNP becomes elevated, a recheck echo is recommended at that time.



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)

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