



PATIENT

Jazz Harsch

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

Neutered Male

AGE

12

WEIGHT

19.4

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (Canine &
Feline), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Travis Cerf

HOSPITAL NAME

VC Hardyston

REFERRING VET

Dr. Travis Cerf

INVOICE

36209

DATE

3/12/26

PRESENTING CLINICAL SIGNS

History of grade 4 heart murmur. Otherwise, no concerns per owner doing well. Owner interested in a dental so wanted routine echo to see if patient is eligible for anesthesia.

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	5.5	2.0	NM	--	30	90	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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	--	--	.60	19.4	2.5	2.4	--

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated centralized moderate insufficiency. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** revealed normal size, structure and content. No evidence of chamber overload. **Tricuspid** insufficiency was noted, centralized and minor. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). The **right auricle** revealed a hypoechoic nodule, measuring approximately 1.5 cm. The nodule was visualized in two separate views. No pericardial effusion was noted; however, I am strongly concerned for an emerging neoplastic event. Abdominal sonogram is recommended to assess for primary disease.

ULTRASONOGRAPHIC FINDINGS



PATIENT

Jazz Harsch

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

Neutered Male

AGE

12

WEIGHT

19.4

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (Canine & Feline), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Travis Cerf

HOSPITAL NAME

VC Hardyston

REFERRING VET

Dr. Travis Cerf

INVOICE

36209

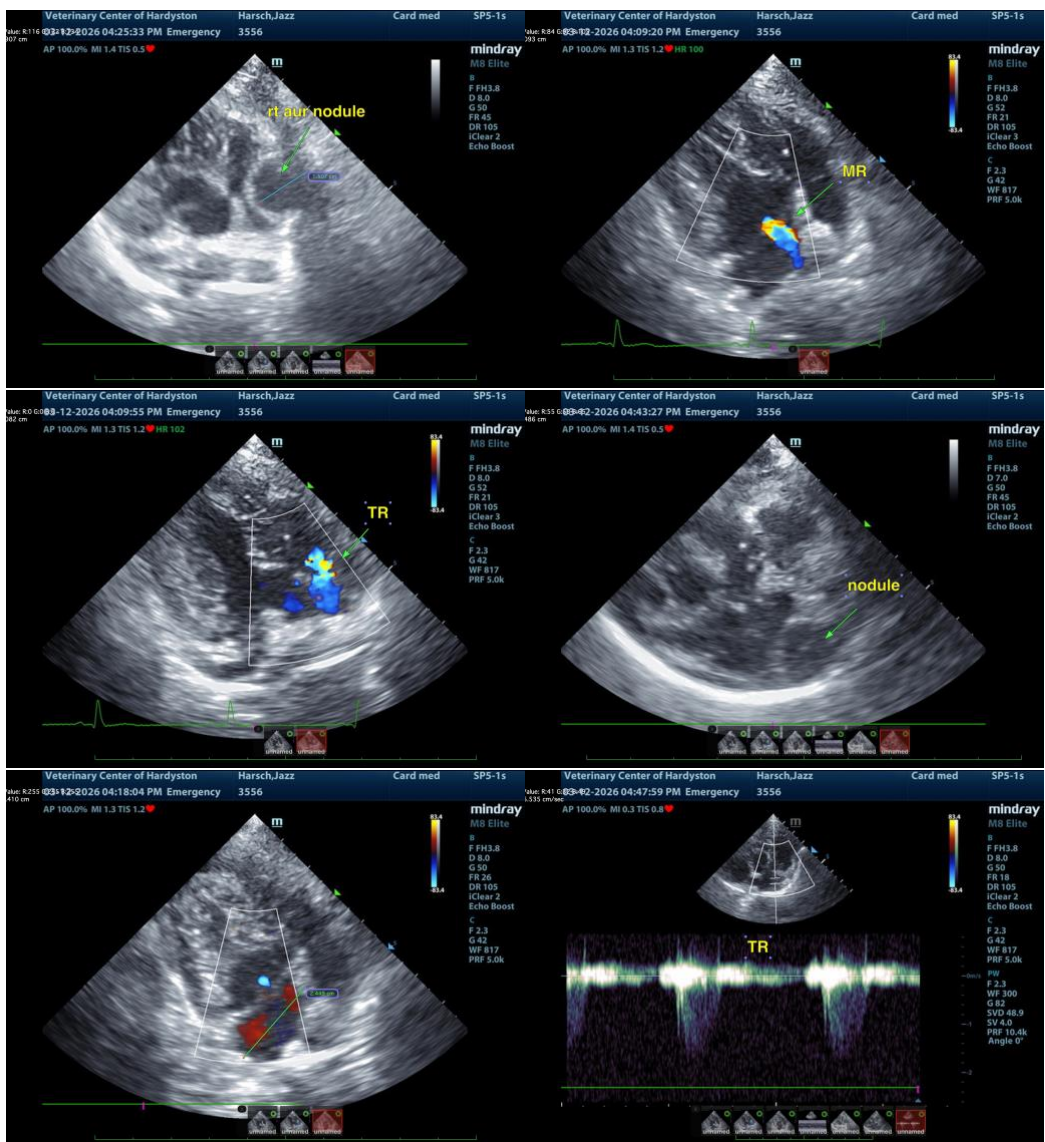
DATE

3/12/26

- Stage B-1 valvular disease
- Concerning right auricular nodule- potential emerging hemangiosarcoma or other neoplasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt contraindication to dental procedure, however, I am concerned for an emerging neoplastic event in the right auricle/myocardium. Abdominal sonogram is recommended to assess for related disease. Recheck echocardiogram is recommended in 10-14 days to assess for any progressive presentation regarding the right auricular lesion.





PATIENT

Jazz Harsch

SPECIES

Canine

BREED

Shetland Sheepdog

SEX

Neutered Male

AGE

12

WEIGHT

19.4

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (Canine &
Feline), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Travis Cerf

HOSPITAL NAME

VC Hardyston

REFERRING VET

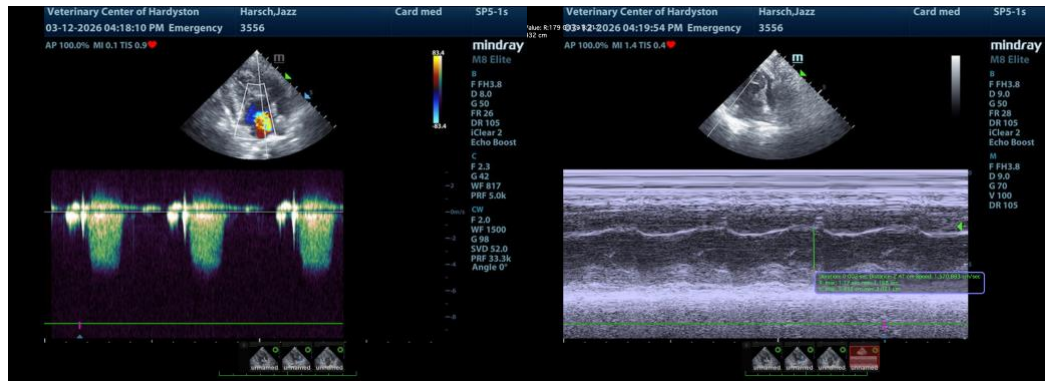
Dr. Travis Cerf

INVOICE

36209

DATE

3/12/26



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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com