



PATIENT

Bonnie Reesman

SPECIES

Feline

BREED

Siamese

SEX

Female

AGE

15 years

WEIGHT

9.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Tyler Epes

HOSPITAL NAME

Animal Clinic of Oxford

REFERRING VET

Dr. Epes

INVOICE

70134

DATE

1/14/26

PRESENTING CLINICAL SIGNS

History: Bonnie presented on 1/5/26 for a check of a dermal mass on her neck. A 4/6 bilateral murmur without crackles was found. Bonnie is doing great at home for a 15yo cat.
Abnormal PE/Chem/CBC/UA Results: 4/6 bilateral murmur. Small dermal mass on right ventral neck. NSF with remainder of exam. No bloodwork performed.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. The **left ventricle** subjectively appeared thickened, yet the heart appeared volume contracted and was tachycardic. Septal and free wall thicknesses were measurably normal. Mild myocardial remodeling was noted. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	9.3 lbs	180-220	0.42	1.0	0.5	50	90
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	1.3	1.4	1.18		-	-	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							

ULTRASONOGRAPHIC FINDINGS

Minor pseudohypertrophy without volume overload. Suspect volume contraction or TMT.
Likely idiopathic flow murmur.



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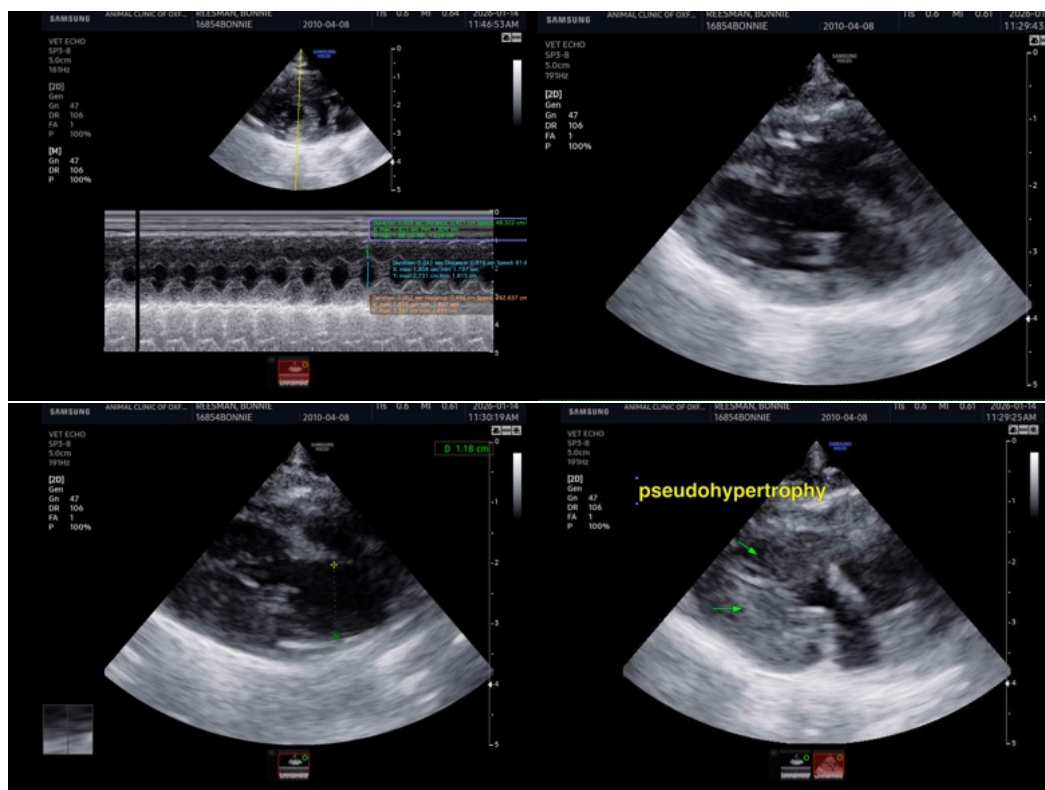
DATE

1/14/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Color flow assessment did not overtly detect a murmur. There is no evidence of clinically significant disease. There was no evidence of volume overload or pressure overload in this patient. There is no contraindication to anesthetic procedure.

Benign flow murmurs are common in cats. This may be owing to volume shifts, tachycardia, benign (DRVOTO) right ventricular outflow changes, trivial turbulence in any of the valvular apparatuses, or possibly excessive stethoscope pressure against the chest according to a recent study These are physiologically benign and unrelated to specific pathology.



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 of SonoPath.com

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