



PATIENT

Buddy Westervelt

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

12.5 pounds

PRESENTING CLINICAL SIGNS

FIV positive. Chronic upper respiratory symptoms for years, worsening over the last 2 weeks.
Abnormal ProBNP

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	5.68	186	4.7	--	4.3	76.7	98.4
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	--	1.22	--	1.4	1.19	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							

INTERPRETED BY

Camden Rouben,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Sonya Myers DVM

HOSPITAL NAME

Lake Emma Animal
Hospital

REFERRING VET

Dr. Wilder

INVOICE

12288

DATE

11/17/25

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal in short access views and long access views. There is no significant evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. There is subjective thickening at the basilar level of the left ventricular outflow tract. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of significant left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no evidence prolapse of the tricuspid valve leaflets. The right ventricle subjective 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 based off the images provided.

ULTRASONOGRAPHIC FINDINGS

- This patient's echocardiogram appears to be clinically healthy in terms of cardiac structure and function.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the subjective left ventricular outflow tract basilar thickening, this patient should have a recheck echocardiogram in 6 months. If not already performed, it is highly recommended to ensure that this



PATIENT

Buddy Westervelt

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

12.5 pounds

INTERPRETED BY

Camden Rouben,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Sonya Myers DVM

HOSPITAL NAME

Lake Emma Animal
Hospital

REFERRING VET

Dr. Wilder

INVOICE

12288

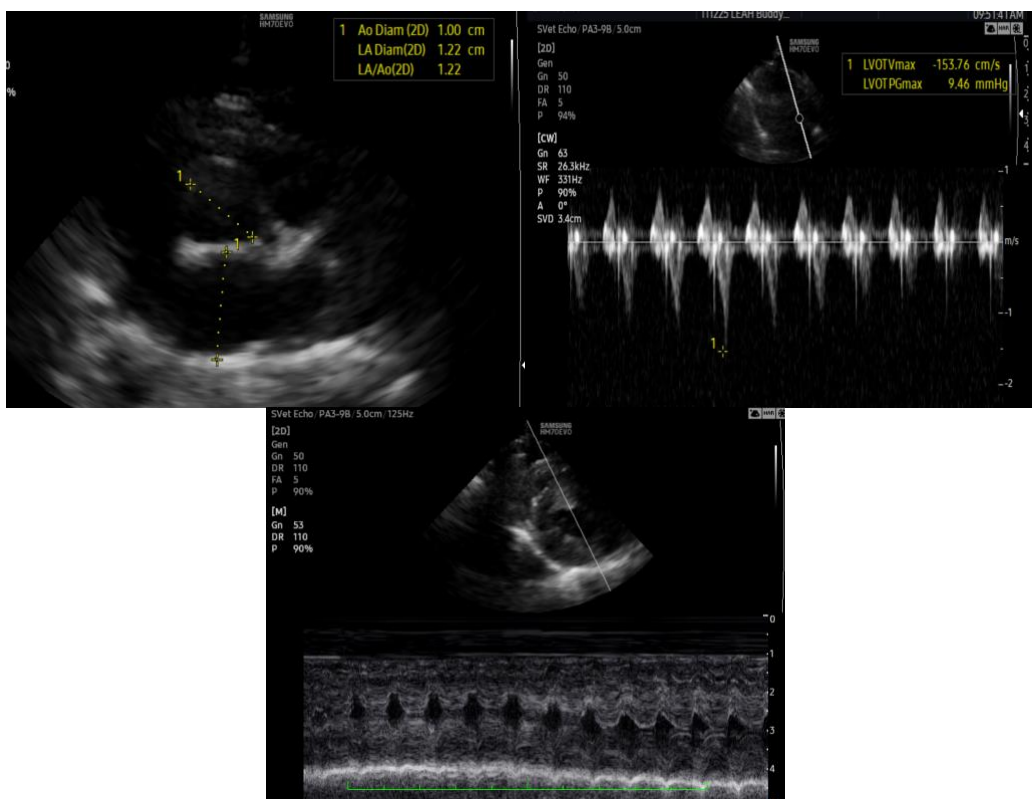
DATE

11/17/25

patient's blood pressure is normal and that the patient is euthyroid. Chronic respiratory disease or severe respiratory disease can cause mild increases in NT-proBNP.

If not already performed, thoracic radiographs in three views should be performed. No cardiac medications are indicated at this time as the patient is a low risk for complications associated with any sort of cardiac condition. In terms of overall anesthesia, standard perioperative fluid rates should be well tolerated if clinically warranted. Medications like ketamine should be avoided.

Anticholinergics can be used in the case of bradyarrhythmia. It is also recommended that this patient have a full CBC and chemistry as azotemia can cause elevations of NT-proBNP. Activity restriction is not warranted in this patient. If clinically warranted, corticosteroids can be used in this patient.



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.

Camden Rouben, DVM, DACVIM (Cardiology)

info@SonoPath.com



PATIENT

Buddy Westervelt

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

12.5 pounds

INTERPRETED BY

Camden Rouben,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Sonya Myers DVM

HOSPITAL NAME

Lake Emma Animal
Hospital

REFERRING VET

Dr. Wilder

INVOICE

12288

DATE

11/17/25