



PATIENT

PJ LoVerme

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

11 Years

WEIGHT

16.5 Pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Arielle Roldan, CVT

HOSPITAL NAME

Milford AH

REFERRING VET

Sean Grasso, DVM

INVOICE

36195

DATE

3/11/26

PRESENTING CLINICAL SIGNS

- Presented for annual exam and heart murmur was noted last time heart murmur was noted within medical record was in 2020, bloodwork was wnl just previously at another veterinary hospital, but no cardiac levels run.
- Gets solensia injections monthly, otherwise not currently on medications.
- Abnormal PE/Chem/CBC/UA Results: BW run today: TNL abnormal ProBNP normal

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	7.5	NM	0.47	1.6	0.51	--	--
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	NM	1.45	1.5		NM	~1.0	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							

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrium is at the upper limits of 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 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. Pulmonic outflow velocities are normal. 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



PATIENT

- Left atrium upper limits of normal

PJ LoVerme

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

11 Years

WEIGHT

16.5 Pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Arielle Roldan, CVT

HOSPITAL NAME

Milford AH

REFERRING VET

Sean Grasso, DVM

INVOICE

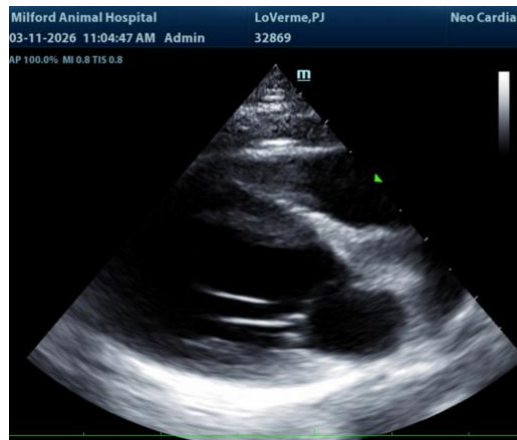
36195

DATE

3/11/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient's heart appears structurally normal; however, the left atrium is at the upper limits of normal. Can consider a recheck echo in 10 -12 months, sooner if the patient is developing cardiovascular clinical signs or the heart murmur is worsening in intensity.



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)

info@SonoPath.com