



PATIENT

Mayou Kudela

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

3 Years

WEIGHT

13.66 lbs

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Andrea Nason

HOSPITAL NAME

Caravan Vet

REFERRING VET

Dr. Andrea Nason

INVOICE

16071

DATE

05/11/26

PRESENTING CLINICAL SIGNS

Mayou was an outdoor stray that was recently rescued and brought into the home. He's had a persistent grade 4/6 heart murmur on exam, no clinical signs at home. Cardiac work up to assess for underlying heart disease, if cardiac medications are warranted, and if HCM if Felycin CA1 is an option.

Abnormal PE/Chem/CBC/UA Results: proBNP 79 Crea 1.6, BUN 25 T4 2.6 Blood pressure 138 systolic

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	6.2	NM	0.44	1.53	0.47	66.01	--
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)	LVIDs (m/s)	
NORMAL PARAMETER	<1.5	1.6	0.7-1.7	<1.6	<1.3		
PATIENT	NM	1.0	NM	NM	~2.0	0.52	
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 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 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 aortic outflow velocities are within normal limits. The corresponding outflow velocities for the pulmonic valve are consistent with a dynamic right ventricular outflow tract obstruction. 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.

ECG

Normal sinus rhythm.

Chest Radiographs



PATIENT

Mayou Kudela

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

3 Years

WEIGHT

13.66 lbs

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Andrea Nason

HOSPITAL NAME

Caravan Vet

REFERRING VET

Dr. Andrea Nason

INVOICE

16071

DATE

05/11/26

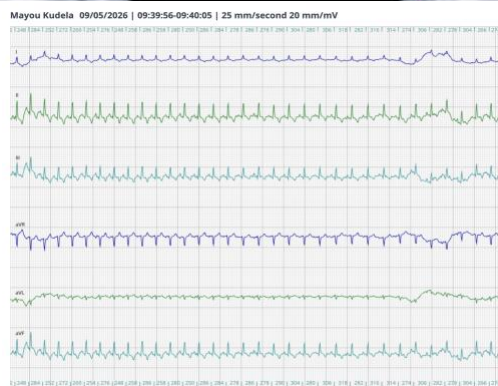
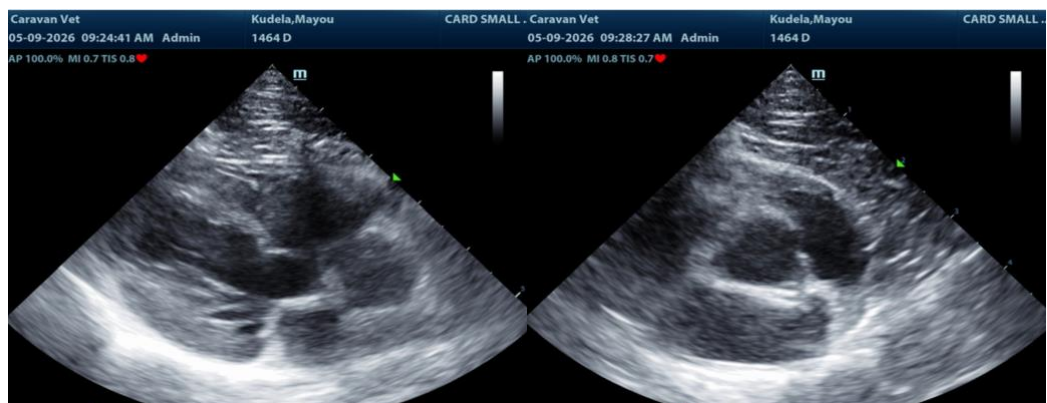
Chest radiographs do not show evidence of cardiogenic pulmonary edema. No heart enlargement.

ULTRASONOGRAPHIC FINDINGS

- Structurally normal heart.
- Benign dynamic right ventricular outflow tract obstruction.
- Normal sinus rhythm.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The heart is structurally normal. The proBNP is also within normal limits. The reported blood pressure is normal. The murmur is considered innocent versus physiologic due to the dynamic right ventricular outflow tract obstruction. Due to the presence of a murmur, can consider a recheck echo in a year. Alternatively, can perform a yearly proBNP. If the proBNP becomes elevated, then a recheck echo would be indicated 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)



PATIENT

info@SonoPath.com

Mayou Kudela

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

3 Years

WEIGHT

13.66 lbs

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Andrea Nason

HOSPITAL NAME

Caravan Vet

REFERRING VET

Dr. Andrea Nason

INVOICE

16071

DATE

05/11/26