



PATIENT

Delta Procopi

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

15 years 8 months

WEIGHT

N/a

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Ramapo Valley AH

REFERRING VET

Dr. Katara

INVOICE

10875

DATE

12/5/2025

PRESENTING CLINICAL SIGNS.

Needs growth removed but has murmur. 3/6 sternal murmur- ok for anesthesia?

Abnormal PE/Chem/CBC/UA Results: June 2025 WNL.

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 | NP | 167 | 0.4 | 1.4 | 0.4 | 57 | NM |
| FELINE CARDIAC PARAMETERS | LA/AO (m-mode long axis) | 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 | 1.2 | 1.3 | NM | | NM | 0.94 | 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 | | | | | | | |

The **left atrium** is of normal size with no evidence of spontaneous echocardiographic contrast or thrombus formation. The **left ventricle** is normal in diameter with normal free wall thickness, and demonstrates good systolic function. Ventricular septum diastolic wall measurements are within normal limits. The **right atrium** is subjectively of normal size and **right ventricle** dimensions and systolic function are subjectively normal. The **mitral, tricuspid, aortic** and **pulmonary valves** all exhibit normal appearance and function, and no vegetative lesions were seen. The **main pulmonary artery** appears normal. There is no evidence of pulmonary hypertension. There is no evidence of pericardial or pleural effusion, and no masses are seen.

ULTRASONOGRAPHIC FINDINGS

Normal feline heart

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of cardiac disease on today's echocardiogram. While there is no evidence of cardiac disease today, this patient could develop acquired cardiac disease in the future, just like any cat. Thus, should the patient's heart murmur progress or symptoms of cardiac disease, a recheck echocardiogram would be indicated. An annual quantitative proBNP may be useful in this patient to screen for emerging cardiac disease in the future, given that the pre-existing physiologic murmur will make it more challenging to detect whether acquired heart disease has developed.



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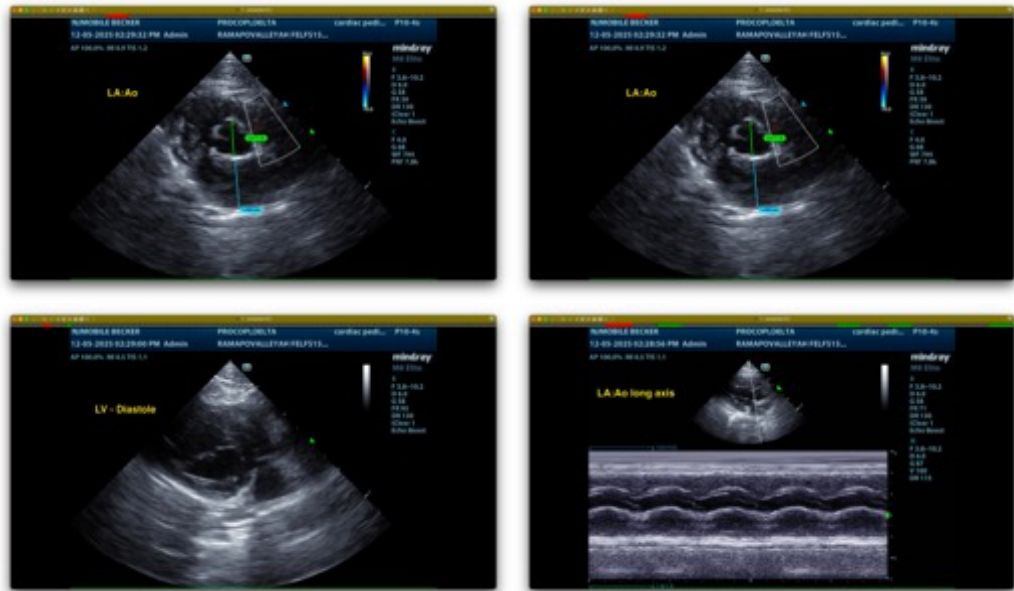
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Tam Mengine, DVM, DABVP (canine/feline practice)

info@SonoPath.com