



## PATIENT

Gaia Yanick

## SPECIES

Feline

## BREED

Domestic Medium Hair

## SEX

Spayed female

## AGE

10 years

## WEIGHT

7 lbs

## INTERPRETED BY

Bradley Harris, DVM,  
DACVECC, DACVIM  
(cardiology)

## IMAGING PERFORMED BY

Arielle Roldan, CVT

## HOSPITAL NAME

Milford AH

## REFERRING VET

Dr. Morales

## INVOICE

75519

## DATE

5/14/26

## PRESENTING CLINICAL SIGNS

History: Patient had bloodwork done due to pu/pd found potential hyperthyroidism and started treatment. Patient has been exhibiting behavioral issues at home as well. No murmur noted, recommended echo to ensure no underlying cardiac disease, esp with increased TNL. Patient has also lost almost a pound since last visit 4/17

Abnormal PE/Chem/CBC/UA Results: 3/30: SDMA 15.7 10 - 100 ug/dL Gray zone T4 3.70 0.5 - 8 ug/dL Gray zone fTnI 0.19 0.01 - 20 ng/mL Gray zone f.NT-proBNP 77.2 50 - 1500 pmol/L Normal 4/17: recheck after starting methimazole/telmisartan T4 3.28 0.5 - 8 ug/dL Gray zone fTnI 0.21 0.01 - 20 ng/mL Gray zone SDMA 10.5 10 - 100 ug/dL Normal f.NT-proBNP < 50.00 pmol/L Normal today: T4 3.42 0.8 - 4.7 ug/dL Gray zone

## ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. There are no distinct left atrial thrombi/clots or spontaneous echo contrast appreciated. The left ventricle is normal in dimension as well as wall thickness, and no evidence of restriction. Left ventricular systolic function is normal, with adequate contractility. The right atrium and ventricle are subjectively normal in dimension and systolic function. The anterior and posterior mitral and tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation. There is no evidence of systolic anterior mitral valve motion documented. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural valvular integrity. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and appropriate diameter and distensibility. There is no evidence of pulmonary hypertension documented. There is no visible pericardial, pleural, or free peritoneal fluid noted.

| 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  | 3.18 kg          | NM                        | 0.47                 | 1.2        | 0.39            | 47              | NM        |
| 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               | 1.24                      | 1.38                 |            | NM              | 0.8             | NM        |
| Adapted from June Boon, Veterinary Echocardiography, 1998<br>Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705 |                  |                           |                      |            |                 |                 |           |

## ULTRASONOGRAPHIC FINDINGS

These findings are consistent with an essentially normal echocardiogram. Any murmur auscultated will be considered functional in origin.



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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to corticosteroids or fluid therapy as indicated for further treatment. No specific recheck echocardiogram is recommended.

### Anesthesia considerations:

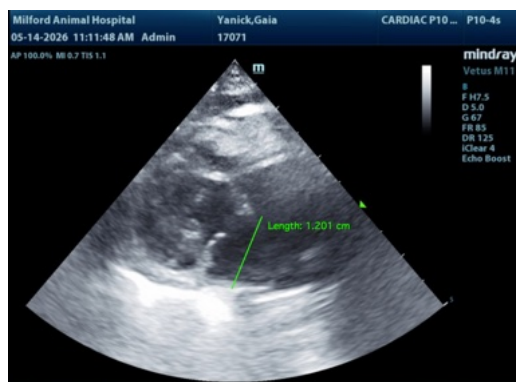
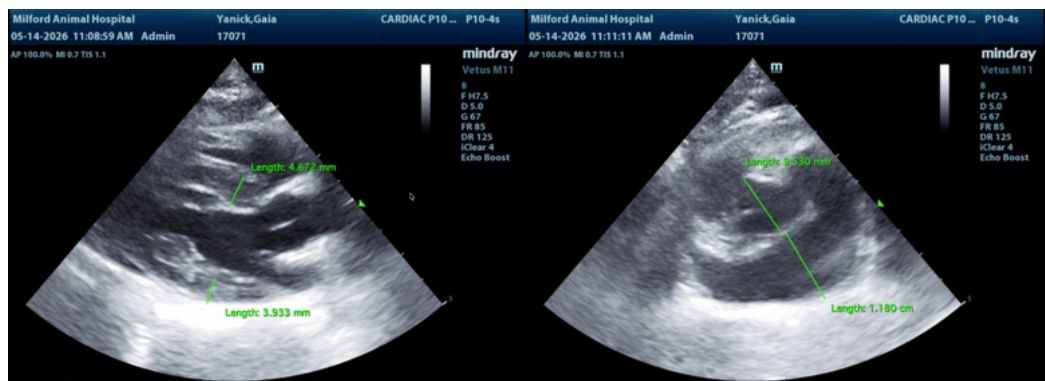
No special cardiac considerations are necessary

### Diet:

No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

### Activity:

No special considerations are necessary.



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.

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

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