



PATIENT

Junebug Kodra

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

16.6 years

WEIGHT

7.3lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Melinda Persson, DVM

HOSPITAL NAME

At Home Veterinary

REFERRING VET

Dr. Melinda Persson

INVOICE

47482

DATE

4/8/26

PRESENTING CLINICAL SIGNS

History: Recheck echo. Grade 3/6 heart murmur. Stage 3 kidney disease, non-hypertensive.
-Pertinent previous echo findings (4/2025 MML): Normal geriatric evaluation with DRVOTO.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. The endocardium also appears mildly remodeled. The papillary muscles appear mildly remodeled. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The tricuspid valve appears normal in structure and mobility. Trace tricuspid regurgitation. The mitral valve is normal in structure and mobility. No mitral regurgitation. Blood flow through the RVOT is normal; however, a dynamic profile is appreciated. Blood flow through the LVOT appears normal with no evidence of obstruction. No evidence of cardiac tumors or metastatic lesions on this scan.

CARDIAC CHART

| FELINE CARDIAC PARAMETERS | BODY WEIGHT (kg) | HR (BPM) | IVSd (cm) <small>(Moise, Pipers)</small> | LVIDd (cm) <small>(Moise, Pipers)</small> | LVWd (cm) <small>(Moise, Pipers)</small> | FS (%) | EF (%) |
|---------------------------|--------------------------------|---|---|--|---|-----------------------|--------------------|
| NORMAL PARAMETER | ----- | 150-240 | 0.35-0.55 | <2 (mean 1.5) | 3.5-0.55 | 35-67 | 80-100 |
| PATIENT | 3.3 | NM | 0.42 | 1.1 | 0.42 | 53 | 88 |
| FELINE CARDIAC PARAMETERS | LA/AO <small>(Boon)</small> | LA/AO HEART BASE <small>(Swe) (Abbott)</small> | LA 2D short axis Base view (cm) <small>(Abbott)</small> | | LVOT VEL (m/s) | RVOT VEL (m/s) | E max (m/s) |
| NORMAL | <1.5 | <1.3 | <1.2 | | <1.6 | <1.3 | <0.9 |
| PATIENT | NM | 1.2 | 1.0 | | 0.9 | 1.4 | NM |

**Note: All measurements based upon multi-modal images and methods. An average value is reported.
Adapted from June Boon, Veterinary Echocardiography, 1998
Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.*

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Persistently normal findings. The murmur remains benign in origin and no LV hypertrophy or LA dilation has developed.

Given these findings, no medications are indicated at this time.

If needed, the risk for general anesthesia is low. Additionally, a screening blood pressure is recommended in any older cat prior to general anesthesia.

Recommend recheck echocardiogram in 1 year to assess for progression or development of disease the pre-existing murmur may mask.



PATIENT

Junebug Kodra

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

16.6 years

WEIGHT

7.3lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Melinda Persson, DVM

HOSPITAL NAME

At Home Veterinary

REFERRING VET

Dr. Melinda Persson

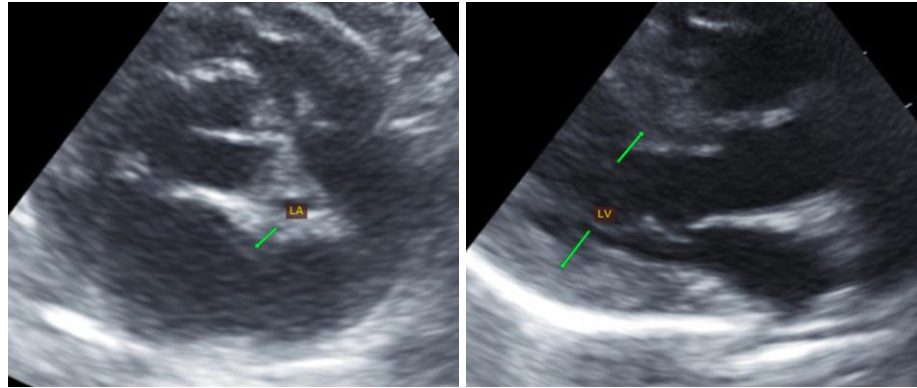
INVOICE

47482

DATE

4/8/26

IMAGES



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

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

Maggie Machen Lamy, DVM

Diplomate of the American College of Veterinary Internal Medicine (Cardiology)

info@sonopath.com