


PATIENT

Trooper Dawg-Evans

PRESENTING CLINICAL SIGNS

History: Recheck echo. Grade 1/6 heart murmur. Lethargy. Recurrent pancreatitis and IBD. BP: 161, 199, 199, 123, 202mmHg.

SPECIES

Canine

-Current medications: Gabapentin, Tylosin and Cerenia.

-Pertinent previous echo findings (6/2022 MML): Mild MR, no LA or LVE, trace TR. LA: 1.9, LV: 2.6.

BREED

Beagle

ECHOCARDIOGRAM FINDINGS

2D, m-mode and doppler imaging is available. Diffuse thickening of mitral valve leaflets with no prolapse into the left atrial lumen. Mild eccentric mitral regurgitation with no left atrial dilation. Normal LV diameter with adequate myocardial function. The tricuspid valve appears normal with trace tricuspid regurgitation. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic and aortic valves are normal in morphology and mobility. Normal pulmonic and aortic outflow velocities with laminar flow. No obvious aortic or pulmonic insufficiency. No pericardial or pleural effusion noted. No obvious cardiac masses.

SEX

Female Spayed

AGE

13 years

CARDIAC CHART
WEIGHT

21.2lbs

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

| CANINE CARDIAC PARAMETERS | MR VMAX (m/s) | TR VMAX (m/s) | LA/AO (Boon method) | LA/AO (Heart Base; Swe) | FS (%) | EF (%) | EPSS (cm) |
|---------------------------------------------------------------------------------------------------------|---------------|---------------|---------------------|-------------------------|---------------------------------|------------------------------------------|------------------------------------------|
| NORMAL PARAMETER | 4.5-5.5 | <2.7 | 1.3 | <1.6 | 28-40 | 40-100 | <0.6 |
| PATIENT | NM | NM | 1.1 | 1.2 | 34 | 65 | 0.37 |
| CANINE CARDIAC PARAMETERS | HR (BPM) | AV VMAX (m/s) | PV MAX (m/s) | BODY WEIGHT (kg) | LA 2D short axis Base view (cm) | LVIDd Avg; 2D and m-mode short axis (cm) | LVIDs Avg; 2D and m-mode short axis (cm) |
| NORMAL PARAMETER | 50-100 | 0.7-1.7 | 0.7-1.6 | BELOW | BELOW | BELOW | BELOW |
| PATIENT | 116 | 1.3 | 0.93 | 9.6 | 1.8 | 3.0 | 2.0 |
| *Normal chamber parameters expressed as a mean value (SD) | | | | 3 | 1.27 (5.3) | 2.46 (2.46) | 1.36 (5.5) |
| BODY WEIGHT DEPENDENT PARAMETERS | | | | 5 | 1.40 (4.5) | 2.74 (5.2) | 1.60 (4.7) |
| <i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i> | | | | 10 | 1.50 (3.8) | 3.27 (3.5) | 2.06 (3.1) |
| | | | | 15 | 1.83 (2.0) | 3.71 (2.4) | 2.43 (2.1) |
| | | | | 20 | 2.02 (1.9) | 4.14 (2.2) | 2.80 (2.0) |
| | | | | 25 | 2.18 (2.4) | 4.48 (2.9) | 3.10 (2.5) |
| | | | | 30 | 2.33 (3.3) | 4.83 (3.9) | 3.39 (3.4) |
| | | | | 35 | 2.48 (4.3) | 5.17 (5.0) | 3.69 (4.5) |
| | | | | 40 | 2.62 (5.2) | 5.48 (6.1) | 3.96 (5.4) |
| | | | | 50 | 2.88 (7.1) | 6.07 (8.3) | 4.46 (7.4) |

HOSPITAL NAME

Chippawa Animal Hospital

REFERRING VET

Dr. Dowell

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
INVOICE

31300

Chronic degenerative valve disease persists with overall stability. Mild mitral and trace tricuspid regurgitation are unchanged without left or right heart enlargement. Lack of significant left atrial enlargement indicates the current risk for complication is low. No additional issues have developed.

DATE

6/13/23



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Given these findings, no cardiac medications are clearly indicated. Assessment of progression in the future will help predict long term prognosis, which is highly variable at this stage. Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.

SPECIES

Canine

Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

BREED

Beagle

The reported blood pressures are too variable to interpret. Ideally obtain serial measurements in a controlled, low stress environment and continue until the readings plateau within 5mmHg of variability for 3+ readings.

SEX

Female Spayed

No cardiac contraindication for general anesthesia prior to chamber enlargement.

AGE

13 years

PLAN
Reassess BP as discussed.

Recommend conservative monitoring with a recheck echocardiogram in 6-12 months, sooner if any development of clinical signs.

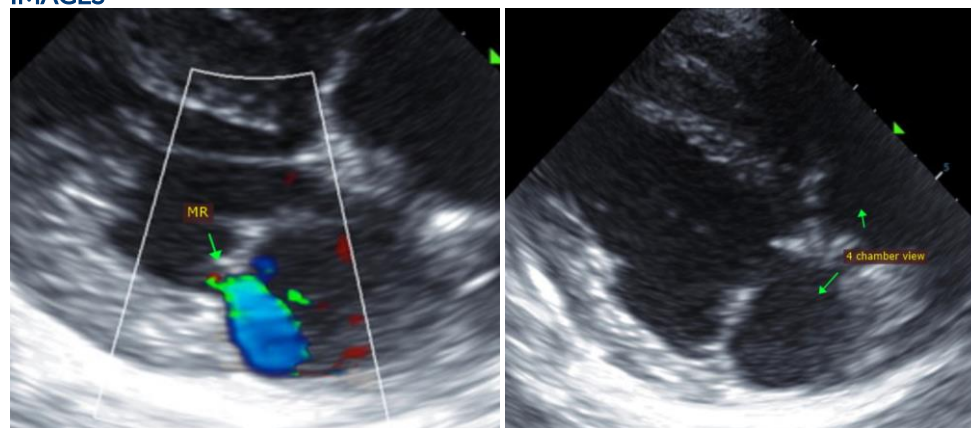
WEIGHT

21.2lbs

IMAGES

INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)



IMAGING PERFORMED BY

Crystal Hill, RVT

HOSPITAL NAME

Chippawa Animal
Hospital

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.

REFERRING VET

Dr. Dowell

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.

INVOICE

31300

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DATE

6/13/23