



PATIENT

Merlin Rogers

SPECIES

Canine

BREED

Schnauzer

SEX

Neutered Male

AGE

6 Years

WEIGHT

48.8 Pounds

INTERPRETED BY

Laurent Locquet, DVM
MRCVS GPCert (VC)
Diplomate ECVIM-CA

IMAGING PERFORMED BY

Meghan Morse, LVT,
CVT

HOSPITAL NAME

Narrowsburg
Veterinary

REFERRING VET

Dr. Hess

INVOICE

35708

DATE

4/23/26

PRESENTING CLINICAL SIGNS

History: Grade 3/6 newly dx Heart murmur
Current meds: Fluoxetine 20mg

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

| CANINE CARDIAC PARAMETERS | MR VMAX (m/s) | TR VMAX (m/s) | LA/AO (M-Mode) | LA/AO (Heart Base; Swe) | FS (%) | EF (%) | EPSS (cm) |
|---------------------------|---------------|---------------|----------------|-------------------------|----------------------|--|--|
| NORMAL PARAMETER | 4.5-5.5 | <2.7 | 1.3 | Up to 1.6 | 28-40 | 40-100 | <0.6 |
| PATIENT | 5.2 | -- | NM | 1.37 | 40 | -- | NM |
| CANINE CARDIAC PARAMETERS | HR (BPM) | AV VMAX (m/s) | PV MAX (m/s) | BODY WEIGHT (lbs) | LAD LA MAX 4 Chamber | 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 | | | | |
| PATIENT | -- | 1.60 | 1.15 | 48.8 | 3.2 | 2.95 | 1.78 |

Cardiac Presentation

The mitral valve leaflets are mildly thickened with moderate mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular internal dimensions during diastole are within normal limits and systolic function is preserved in the face of mitral regurgitation. There is normal right atrial size without tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. 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.

ULTRASONOGRAPHIC FINDINGS

- Myxomatous mitral valve disease, ACVIM stage B-1

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recheck is recommended in one year. No medication is necessary.



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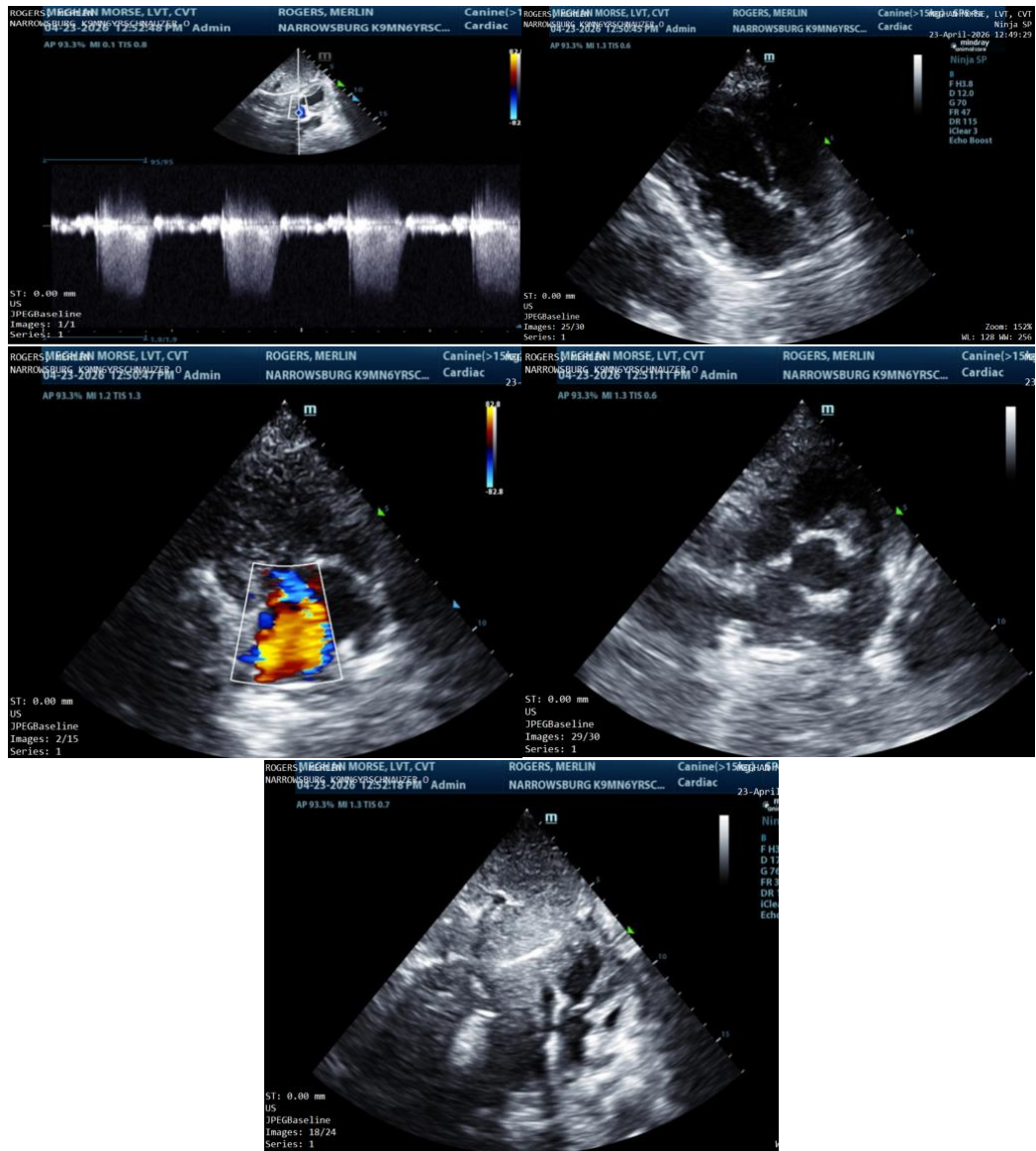
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Laurent Locquet, DVM MRCVS GPCert (VC) Diplomate ECVIM-CA

info@SonoPath.com