



PATIENT
Sailor Block

SPECIES
Canine

BREED
Golden Retriever

SEX
Male Neutered

AGE
9 years

WEIGHT
69lbs

INTERPRETED BY
Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY
Pamela Harrigan,
RDCS

HOSPITAL NAME
Mass Veterinary Services

REFERRING VET
Dr. Masloski

INVOICE
22990

DATE
3/8/22

PRESENTING CLINICAL SIGNS

History: Sailor has had a progressive cough for the past 10-14 days. Chest films taken yesterday revealed several pulmonary nodules. Sailor is presently eating well with no S/V/D. On auscultation: NSR, no murmurs noted, PSS, lung fields clear. BP: 180mmHg x 5. Having echocardiogram and abdominal ultrasound to assess for primary/secondary masses.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

Left ventricle: The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. No MR.

Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity depending on heart rate; laminar flow. No aortic insufficiency.

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

Right atrium: Normal RA dimension.

Tricuspid valve: The tricuspid valve appears normal with no tricuspid regurgitation.

Pulmonic valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 130bpm.

2-Dimensional Measurements

Ao diam (cm)	2.3
LA diam (cm)	2.7
LA:Ao (Swe)	1.2
IVS thickness (cm)	1.2
LVID diastole (cm)	4.0
PW thickness (cm)	1.2
LVID systole (cm)	2.8
FS (%)	30

Doppler Measurements

PV Vmax (m/s)	0.93
AoV Vmax (m/s)	1.6
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. The overall dimensions are normal with no evidence of significant structural disease. Follow up is advised should a murmur be ausculted in the future. No additional issues are identified.

No obvious neoplastic lesions are identified in this study. That being said, it is important to note that these are easily missed with 2D ultrasound and advanced imaging may be necessary if suspicion arises.

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Consider advanced thoracic imaging as discussed.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.



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PLAN

- Recommend conservative monitoring with a recheck echocardiogram should a murmur or signs of cardiac compromise be noted in the future.

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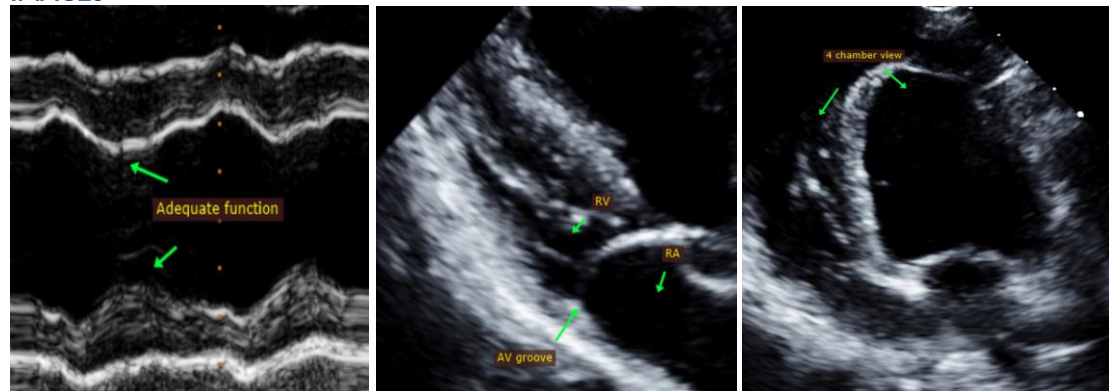
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IMAGES



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

Echocardiogram performed by:

Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

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