



PATIENT

Lucca Saladino

SPECIES

Canine

BREED

Mini Schnauzer

SEX

Spayed Female

AGE

7 Years

WEIGHT

10.7 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse, LVT,
 CVT

HOSPITAL NAME

VCA Ho Ho Kus AH

REFERRING VET

Dr. Gannon

INVOICE

35563

DATE

11/21/25

PRESENTING CLINICAL SIGNS

History: Pre sx echo for dental, grade 3/6 HM, asymptomatic.

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 | 5.40 | 2.81 | 1.56 | 1.58 | 41 | 79 | 0.36 |
| CANINE CARDIAC PARAMETERS | HR (BPM) | AV VMAX (m/s) | PV MAX (m/s) | BODY WEIGHT (kg) | 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 | -- | 1.15 | 0.62 | -- | 3.04 | 3.11 | 1.67 |

Cardiac Presentation

The mitral valve leaflets are mildly thickened with moderate to severe mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflet. 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 with mild to moderate 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, stage B-1 with moderate to severe mitral valve regurgitation and concomitant mild to moderate tricuspid valve regurgitation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No cardiac medications are necessary. Annual recheck is recommended.



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Regarding general anesthesia:

Lucca Saladino

The cardiovascular risk is currently not significantly increased, though I would be very cautious with using alpha 2 agonists.

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- Fluid therapy should be maximum 1x maintenance during the general anesthesia.
- Keep an eye on the breathing pattern.
- Avoid alpha 2 agonists.
- Consider 0.2 mg/kg of midazolam, + 0.3 mg/kg butorphanol, + alfaxalone to affect.

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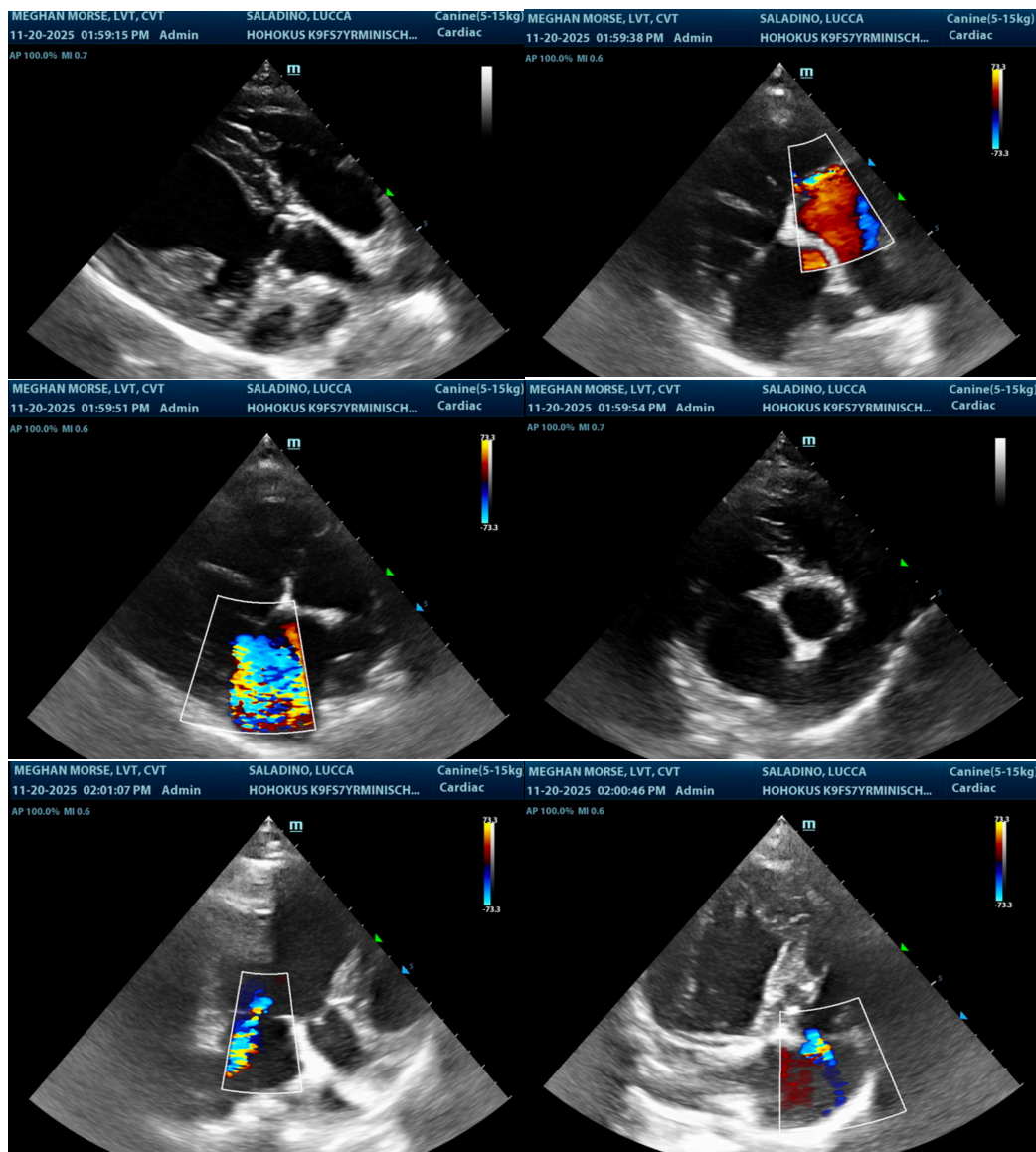
Dr. Gannon

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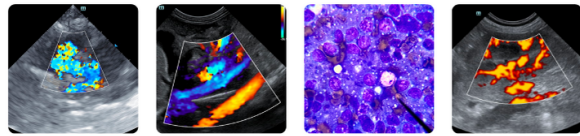
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The information and recommendations provided are based on the images presented by the



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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

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