



PATIENT

Maggie Renken

SPECIES

Feline

BREED

Bengal

SEX

Female Spayed

AGE

7 years

WEIGHT

14.8lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Compassion
Veterinary Clinic

REFERRING VET

Dr. Patil

INVOICE

31833

DATE

7/13/23

PRESENTING CLINICAL SIGNS

History: Presented today for dental. Under full anesthesia, intubated, Maggie became dyspneic and blood-tinged fluid noted in trach tube. CPR and O2 - Revived. Radiographs: pulmonary congestion, irregular heart shape. Current meds: Furosemide 20mg IM, Flumazenil 1.56 IV, Dex 2mg/100ml - 1ml IM.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are normal. There is a mildly hyperechoic endocardium consistent with mild fibrosis. The endocardium appears mildly remodeled. The papillary muscles are mildly remodeled and hyperechoic.

Left atrium: The left atrium is normal in dimension. No obvious spontaneous contrast or thrombi seen.

Mitral valve: The mitral valve is normal in structure and mobility. No obvious systolic anterior motion is seen. No MR.

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

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

Right atrium: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with trace 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: Scant pericardial effusion noted on some views with atypical soft tissues suspected around the heart base/mediastinum. The fluid appears mildly echogenic. No obvious cardiac masses.

2-Dimensional Measurements

Ao diam (cm)	0.9
LA diam (cm)	1.1
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.48
LVID diastole (cm)	1.36
PW thickness (cm)	0.4
LVID systole (cm)	0.46
FS (%)	58

Doppler Measurements

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	1.2
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.

Scant effusion and atypical soft tissues are noted in some views, which is of unknown significance. In light of the history, further evaluation is strongly recommended starting with a Radiologist review of 3 view chest films to guide further diagnostics. Certainly no cardiac cause of the effusion or clinical issues is suspected.

Prognosis is open.



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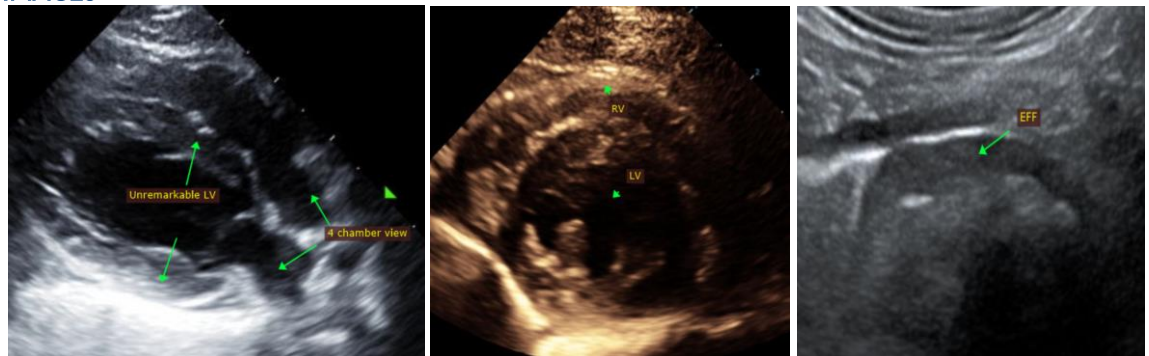
RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- **Highly recommend 3-view films with a Radiologist review.**
- No cardiac contraindication for general anesthesia. Premedicate with a vagolytic as discussed and ensure a normal response.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 6-12 months to ensure no progressive issues are seen.

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.

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Echocardiogram performed by: Pamela Harrigan, RDCS
 Pet Animal Ultrasound Service (4paus.com)