



PATIENT

Puff Jones

SPECIES

Feline

BREED

DLH

SEX

Male Neutered

AGE

4 years

WEIGHT

16lbs

PRESENTING CLINICAL SIGNS

History: Recheck echo. History restrictive perimembraneous VSD, small, L to R shunt with normal left heart size. Puff is doing well clinically.

-Pertinent previous echo findings (1/22/21 MML): LA 1.23 cm; LA:Ao 1.22; LV 1.64; VSD Vmax 5.15 m/s; normal LA size; normal LV size and function.

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. A small perimembraneous ventricular septal defect (VSD) is visualized. The flow is left to right; max velocity 5.46m/s.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is normal with no mitral regurgitation.

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

Right ventricle: The RV appears normal with no evidence of hypertrophy.

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. Mild MPA dilation.

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

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.1
LA diam (cm)	1.3
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.53
LVID diastole (cm)	1.55
PW thickness (cm)	0.55
LVID systole (cm)	0.74
FS (%)	52

Doppler Measurements

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	1.5
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING PERFORMED BY

Pamela Harrigan,
RDMS

INTERPRETATION OF THE FINDINGS

Unchanged cardiac dimensions and function are identified in this study. The VSD remains high velocity and left to right without significant compensatory changes. No additional issues are identified.

Continued assessment is recommended lifelong to ensure no concurrent issues arise. Prognosis remains good.

No medications are indicated at this time.

HOSPITAL NAME

Chase Veterinary
Clinic

REFERRING VET

Dr. Caffarella

INVOICE

22361

DATE

2/4/22

RECOMMENDATIONS

- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia. Mild IV fluid restriction is advised.
- Monitor for any breathing change, signs of a blood clot event, or collapse episodes going forward.



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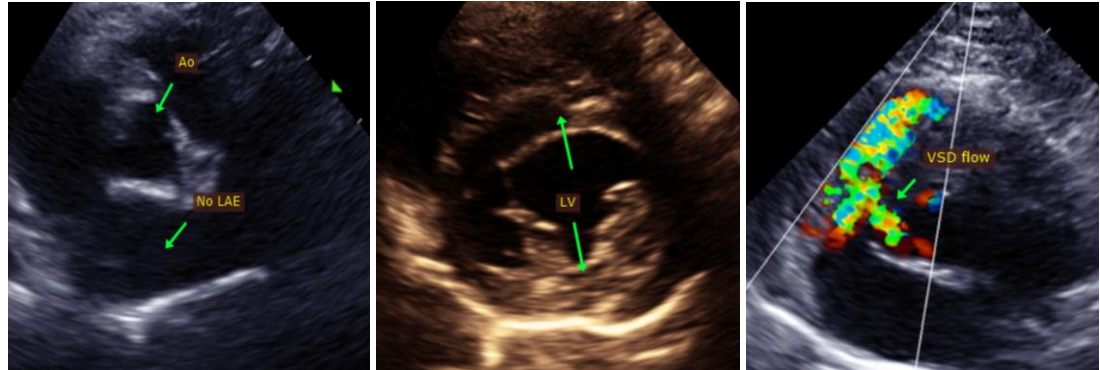
DATE

2/4/22

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 12-18 months to screen for development of concurrent disease, sooner if any development of clinical signs.

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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