



PATIENT

Pookie Johnson

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

2.10 years

WEIGHT

11.63lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Services

REFERRING VET

Dr. Masloski

INVOICE

25257

DATE

7/12/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal cardiac structure and function on screening studies. Pookie is presently eating well with no respiratory issues. His activity level remains normal. On exam: NSR, grade I/VI parasternal murmur, PSS, lung fields clear, compressible thorax. BP: 110mmHg x 4. No medications. *No sedation for study.
-Pertinent previous echo findings (2/24/21 Maggie Machen Lamy, DVM, DACVIM-Cardiology): LA 1.28 cm; LA:Ao 1.49; LV 1.6 cm; IVS 0.42 cm; PW 0.47 cm; normal chamber sizes and function; normal valvular structure 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. The LV wall thicknesses are normal. There is a mildly hyperechoic endocardium consistent with fibrosis. False tendon. Papillary muscles appeared mildly 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.
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 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 188bpm.

2-Dimensional Measurements

Ao diam (cm)	1.3
LA diam (cm)	0.9
LA:Ao (Swe)	1.4
IVS thickness (cm)	0.45
LVID diastole (cm)	1.5
PW thickness (cm)	0.45
LVID systole (cm)	0.6
FS (%)	60

Doppler Measurements

PV Vmax (m/s)	0.95
AoV Vmax (m/s)	1.2
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Persistently normal cardiac structure and function. No LV hypertrophy has developed and no evidence of LA pressure elevation. No cause of the murmur is apparent, suggesting a physiologic origin.

Given these findings, no medications are indicated. Reasonable to periodic screen lifelong, particularly given a preexisting murmur.



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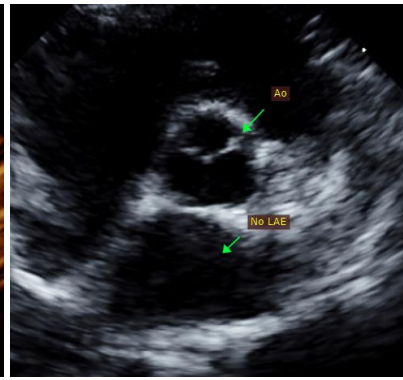
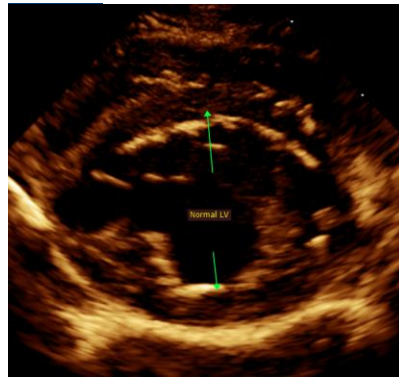
RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

PLAN

- Recommend recheck echocardiogram annually to screen for silent disease, sooner if any clinical signs arise.

IMAGES



INTERPRETED BY

Maggie Machen Lamy, DVM
DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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HOSPITAL NAME

Mass Veterinary Services

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

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