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Clinical Sonography & Telecytology
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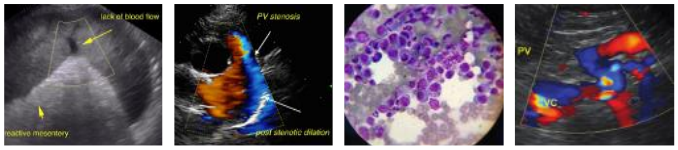


SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT
Probi Sabiosky

SPECIES
Feline

BREED
DSH

SEX
Male Neutered

AGE
1.5 years

WEIGHT
11.11lbs

INTERPRETED BY
Maggie Machen Lamy, DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY
Amanda Crook, SDEP

HOSPITAL NAME
Rivers Edge Pet Medical Center

REFERRING VET
Dr. Sullivan

INVOICE
22695

DATE
2/18/22

PRESENTING CLINICAL SIGNS

History: As a 1-year-old cat, patient was very ill with elevated liver enzymes. Hospitalization was required. With time and treatment, the liver values returned to normal and denosyl was discontinued. Liver values were rechecked and were still normal. It has been 9 months since this illness. Presented for wellness and vaccines. A Grade 2/6, parasternal, systolic heart murmur was audible. Rechecked heart murmur 1 month later and it was still present and more prominent. Grade 2-3/6 now. BP: 142, 146, 146mmHg.
-Abnormal PE/Chem/CBC/UA Results: Currently WNL.
-ECG report (Idexx): NSR with RAD.

RADIOGRAPHIC FINDINGS *NOTE: Images submitted for supplemental cardiac information only.

Normal cardiac silhouette. No obvious evidence of CHF.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal in dimension. Borderline LV dilation. Mild endocardial remodeling. Normal papillary muscles. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. No MR. Blood flow through both the LVOT and RVOT is normal in velocity. Trace TR. No obvious additional valve regurgitation seen. No obvious cardiac or extra-cardiac shunts. No pleural or pericardial effusion seen. No obvious cardiac tumors.

CARDIAC CHART

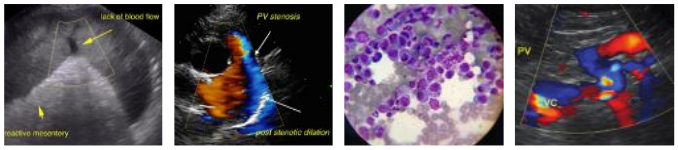
FELINE CARDIAC PARAMETERS	BODY WEIGHT	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	------	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	5.0	NM	0.45	1.79	0.46	46	80

FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) (Abbott)	LA 2D short axis Base view (cm) (Abbott)	LVOT VEL (m/s)	RVOT VEL (m/s)	E max (m/s)
NORMAL	<1.5	<1.3	<1.2	<1.6	<1.3	<0.9
PATIENT	NM	1.3	1.2	1.2	1.3	NM

**Note: All measurements based upon multi-modal images and methods. An average value is reported.*
Adapted from June Boon, Veterinary Echocardiography,1998
Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overtly normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left or right atrial pressure. The LV is borderline increased in dimension, which may be a normal variant. Follow up is advised. The valve morphologies appear normal, and there are no obvious cardiac shunts. No obvious cause for the murmur is identified in this study, making it likely physiologic in origin.



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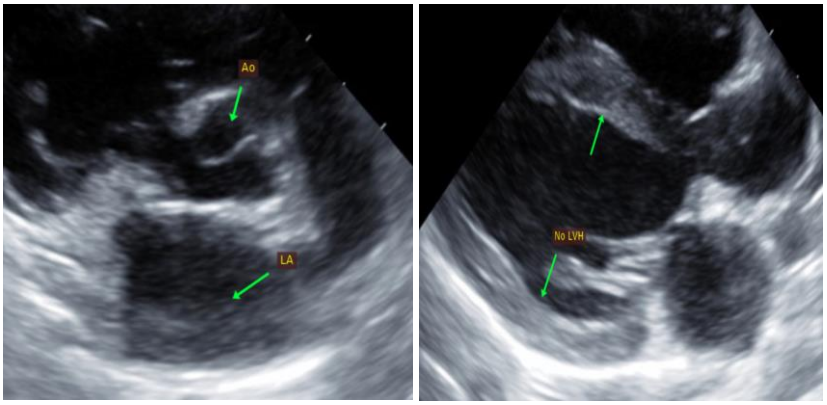
Given these findings, no medications are indicated.

No cardiac contraindication for general anesthesia.

Recommend recheck echocardiogram in 1 year, to screen for any progressive issues.

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
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