



PATIENT

Quincy Garcia

SPECIES

Feline

BREED

Ragdoll

SEX

Female Spayed

AGE

14.7 years

WEIGHT

9.05lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Tom McNeill

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

Dr. Watters

INVOICE

29042

DATE

2/16/23

PRESENTING CLINICAL SIGNS

History: Presented for ongoing loose stools and poor appetite in the last 4-5 days.
Abnormal PE/Chem/CBC/UA Results: Thoracic rads - Suspect mass/area of increased opacity dorsocranial to heart base. Fluid vs other in abdominal cavity. Some intestinal bunching but no obvious obstructive pattern or masses noted. No thoracic abnormalities ausculted.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. The papillary muscles are mildly remodeled and hyperechoic. The endocardium also appears remodeled. 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. Blood flow through both the LVOT and RVOT is normal in velocity. The aortic root and ascending segment are prominent. No pleural or pericardial effusion seen. No obvious cardiac tumors.

CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	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	4.1		0.45	1.28	0.42	52	86
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	1.1	1.1h		0.8	0.9	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 geriatric cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. There is mild remodeling and fibrosis of the left ventricular wall, which is likely a normal variant. The aortic root and ascending segment are prominent, and a baseline BP is recommended. Serial echocardiography will be necessary to determine progression. The No additional issues are identified.

These findings do not clearly explain the radiographic abnormalities. The VD views are quite rotated, and a single lateral does show the abnormal region. The opacity is in the region of the aortic root, although does not course as is typically seen with aortic dilation and other possible explanations should be further explored. No obvious heart-based tumors are appreciated. **Highly recommend repeat 3 view CXR with a Radiologist review of the films for further evaluation. Given these findings, no medications are indicated.**

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No cardiac contraindication for general anesthesia. Mild IV fluid restriction is advised. Risk for complication with steroid use typically follows LA dilation, which in this case is low. That being said, any cat can experience unexpected signs of intolerance and monitoring of RR/RE is advised particularly in the initiation phase.

SPECIES

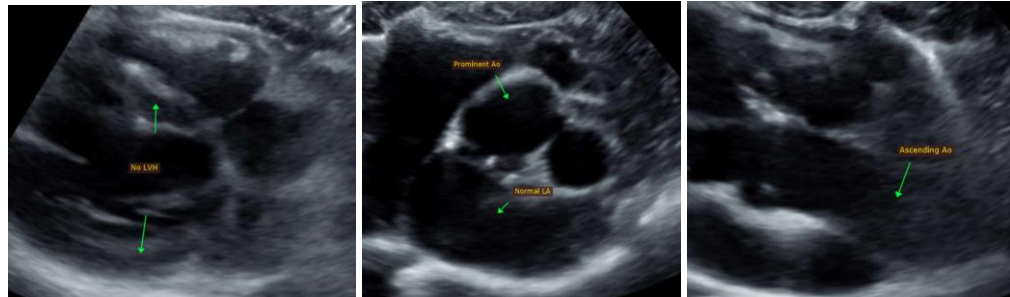
Feline

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

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Ragdoll

IMAGES



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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.

AGE

14.7 years

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.

WEIGHT

9.05lbs

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

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