


PATIENT

Jack Sparrow Maracle

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

7 years

WEIGHT

9lbs

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny, RVT

HOSPITAL NAME

 St Catherines Animal
 Hospital

REFERRING VET

Dr. Boctor

INVOICE

24979

DATE

6/24/22

PRESENTING CLINICAL SIGNS

History: Was under anesthetic for dental, was given medetomidine, ketamine, torbugesic, then propofol, then maintained on Isoflurane. His HR went down to 50 bpm, then apnea for 5 min. Medetomidine was reversed, PPV started, surgery was cancelled.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a mildly hyperechoic endocardium consistent with fibrosis. The endocardium appears mildly 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. The tricuspid valve appears normal. No MR or TR. Right heart dimensions are normal (subjective). Blood flow through both the LVOT and RVOT are normal in velocity. No pericardial or pleural effusion noted. No obvious cardiac masses.

CARDIAC CHART

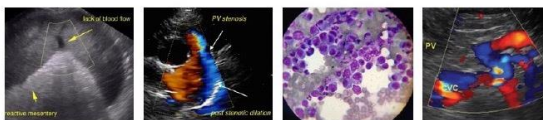
FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	4.1	140	0.42	1.6	0.45	53	88
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO 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	1.3	1.2	1.0		1.1	0.6	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 is normal in appearance and dimension, ruling out typical hypertrophic disease. The LA is normal, with no evidence of elevated filling pressures. No significant valve leaks are noted and flow through the great vessels is normal.

Given these findings, anesthetic complications are unlikely to be cardiac related. Consider other possibilities, such as pulmonary disease, a drug reaction, etc. Baseline radiographs and ECG may be beneficial. Consultation with an anesthesiologist prior to future procedures may be useful to assess protocol as there is no cardiac contraindication for anesthesia. No medications are indicated at this time.

Recommend recheck echocardiogram should a murmur or gallop develop in the future, or if any clinical signs of cardiac disease develop.



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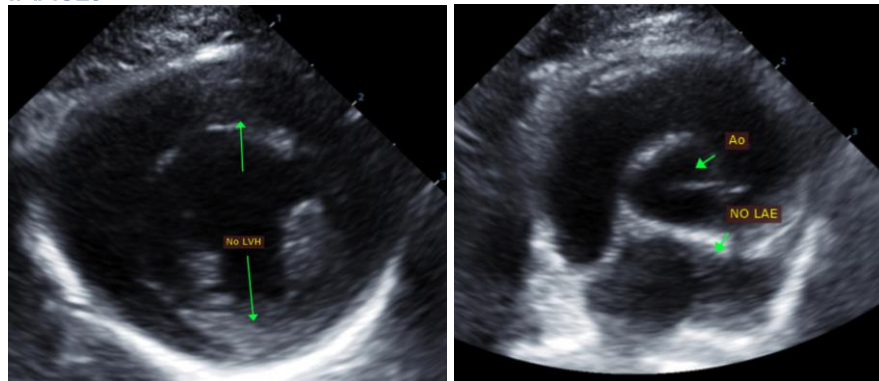
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IMAGES



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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