



PATIENT

Capone Morneau

SPECIES

Feline

BREED

Bengal

SEX

Male Neutered

AGE

6 years

WEIGHT

9lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

IMAGING PERFORMED BY

Kelly Reschny, RVT

HOSPITAL NAME

Dog and Cat Clinic of
Niagara

REFERRING VET

Dr. Haidy

INVOICE

20603

DATE

8/18/21

PRESENTING CLINICAL SIGNS

History: Heavy abdominal breathing, wheezing on thoracic auscultation.
-Radiographs: Show suspicion of pulmonary edema.
-Current medications: Furosemide.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is asymmetric with moderate to severe hypertrophy and extensive remodeling of the endocardium. There is a diffusely hyperechoic endocardium consistent with fibrosis. There is moderate papillary muscle remodeling and hypertrophy. The left atrium is severely enlarged. Evidence of subtle intraatrial smoke. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal, with normal mobility. No evidence of systolic anterior motion. There is trace mitral regurgitation present. Blood flow through both the LVOT and RVOT are normal in velocity. There is no tricuspid regurgitation present, and the tricuspid valve appears normal in form and function. No pericardial or pleural effusion are visualized.

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	160	0.73	1.5	1.0	53	87
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	2.3	2.1	1.8	1.0	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

Hypertrophic cardiomyopathy (HCM) is a rule out diagnosis for LV hypertrophy once a patient is confirmed euthyroid and normotensive. In a middle-aged cat, both should be considered. Regardless, the finding of significant left atrial dilation confirms the origin of the respiratory signs is likely congestive heart failure, and lifelong medications are warranted as below.

The mean survival time for cats with CHF is 8-12 months, however most are able to maintain a good quality of life on medications. Patient will always remain at high risk for



PATIENT

Capone Moreau

recurrent episodes of CHF and development of blood clots in the future. Monitoring of sleeping breathing rates at home is recommended as the best way to screen for recurrent CHF at home.

SPECIES

Feline

PLAN

Institute blood thinner Clopidogrel (Plavix) 75mg tablets; give ¼ tab orally once daily (NOTE: this medication is very bitter on the cut edges; coat in entirety). Continue Lasix 1-2mg/kg PO q12h. Institute Pimobendan 0.625mg PO q12h.

BREED

Bengal

Recheck renal values/BP in 10-14 days. If eating well and BP remains >130mmHg, institute ACEI 0.5mg/kg PO q24h.

SEX

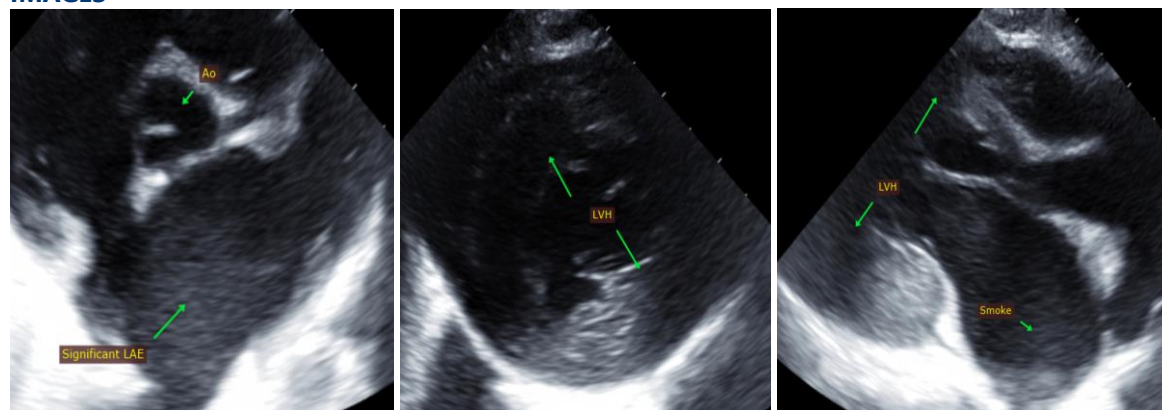
Male Neutered

A recheck echocardiogram is recommended in 6 months to assess for progression.

AGE

6 years

IMAGES



WEIGHT

9lbs

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.

IMAGING PERFORMED BY

Kelly Reschny, RVT

HOSPITAL NAME

Dog and Cat Clinic of
Niagara

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.

REFERRING VET

Dr. Haidy

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

INVOICE

20603

DATE

8/18/21