



PATIENT

Tabitha Visser

SPECIES

Feline

BREED

Maine Coon

SEX

Intact Female

AGE

3 Years

WEIGHT

3.9 kg

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP (Canine
 / Feline Practice)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

The Cat Clinic
 Hamilton

REFERRING VET

Dr. Hall

INVOICE

13421

DATE

01/27/26

PRESENTING CLINICAL SIGNS

- NAF on exam findings at this time

Abnormal PE/Chem/CBC/UA Results: D: cbc- WNL chem- mild inc glucose (10.7, ref 4.0-9.7); mild low ALP (11, ref 12-59) proBNP- mild elevation (102, ref 0-100) FeLV/FIV- both negative A: suspect mild stress hyperglycemia; based on BNP: r/o cardiomyopathies vs arrhythmias vs pulmonary hypertension vs other P: recommend echo; can proceed with spay if echo is declined, but will have a conversation with O regarding inc risk

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	3.9	NM	0.5	1.5	0.4	50	82
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	1.6	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	--	--	1.4	1.0	0.8	NM	
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** dimension based on 2 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions and angles of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS



PATIENT

- Normal cardiac structure/function.

Tabitha Visser

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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No evidence of clinical issues such as left or right heart chamber enlargement, HCM criteria, LV systolic dysfunction or arrhythmia. No anesthetic contraindications.

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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