



PATIENT

Johnny Persaud

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

18

WEIGHT

8.1

PRESENTING CLINICAL SIGNS

- The pet presented for an inflamed anal area, and the pet seems to be in pain, as per the owner.
- Abnormal PE/Chem/CBC/UA Results: B.SC 4/9 No Heart murmur. Moderate dental calculus. Eye cloudiness OU. Constipation. Lab CBC- WNL CHEM- elevated SDMA, Creatinine, BUN Pro BNP- Abnormal. UA- pending.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	8.1	NM	0.44	1.46	0.4	45	78
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	--	--	1.3		1.0	0.9	NM

Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr Sharkawy

HOSPITAL NAME

Kew Gardens Animal
Hospital

REFERRING VET

Dr Parthenia

INVOICE 23866

DATE
02/11/2026

Cardiac Presentation

The echocardiogram in this patient demonstrated normal left atrial size and structure. Chamber volume and blood echogenicity were normal. The cranial and caudal mitral valve leaflets presented minor irregular age-related changes that are not clinically significant at this time with adequate extension in systole and union in diastole. The left ventricle presented normal free wall and septal thicknesses with linear contour. The myocardium presented some echogenic remodeling consistent with expected age-related change. Contractility of the ventricular walls was adequate and in normal range for this breed and patient size. The left ventricular outflow tract demonstrated normal laminar flow with subjectively unremarkable structure. Subjective assessment of the right atrium and auricle revealed normal size, structure and content. No evidence of masses was noted. Tricuspid valvular assessment demonstrated expected findings for this age patient. The right ventricle was of normal size (1/3 diameter of LV), echogenicity and thickness. Pulmonic tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). No dilation due to heartworm disease, cor pulmonale, stenosis, or pulmonic hypertension was noted. No visible pericardial or free pleural fluid was noted. The mediastinum was free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

Primary

- Normal cardiac structure/function with mild LV remodeling



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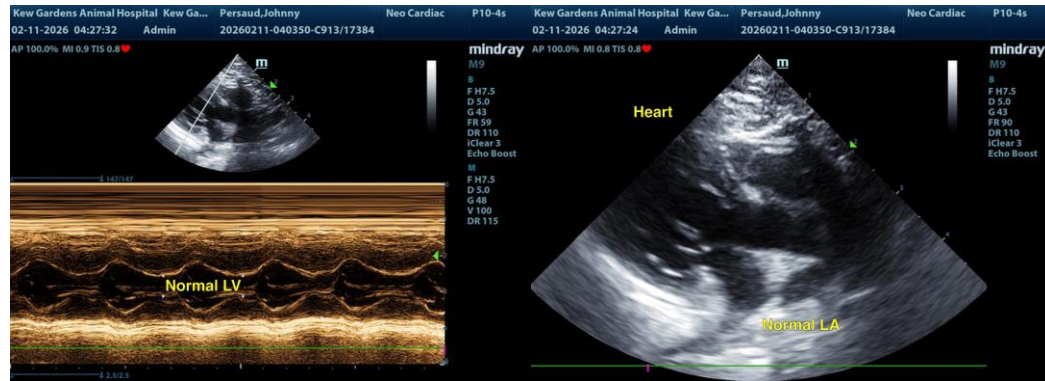
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of clinical issues such as HCM or other structural cardiomyopathy, left or right heart chamber enlargement, LV systolic dysfunction or arrhythmia. No indication for cardiac medications. BNP false positives can occur with hyperthyroidism, renal insufficiency (possible in this case given azotemia), lower airway disease, systemic hypertension or other systemic influences. Assessment of systemic BP recommended if not recently done.



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.

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