

PATIENT

Rufus Cummings

SPECIES

Feline

BREED

Sphynx

SEX

Neutered Male

AGE

4.4 kg

WEIGHT

4.4 kg

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Aldershot AH

REFERRING VET

Dr. Patton

INVOICE

36578

DATE

4/13/26

PRESENTING CLINICAL SIGNS

History: No murmurs or arrhythmias, strong synchronous pulses.

Abnormal PE/Chem/CBC/UA Results: Recommendations for hypertrophic cardiomyopathy (HCM) screening based on the patient's breed include yearly echocardiogram.

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	115	0.4	1.7	0.52	48.82	--
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	1.2	1.4	1.45		~1.0	~1.0	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

LVIDs: 0.87

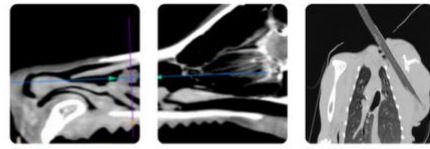
Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Structurally normal heart
- Bradycardia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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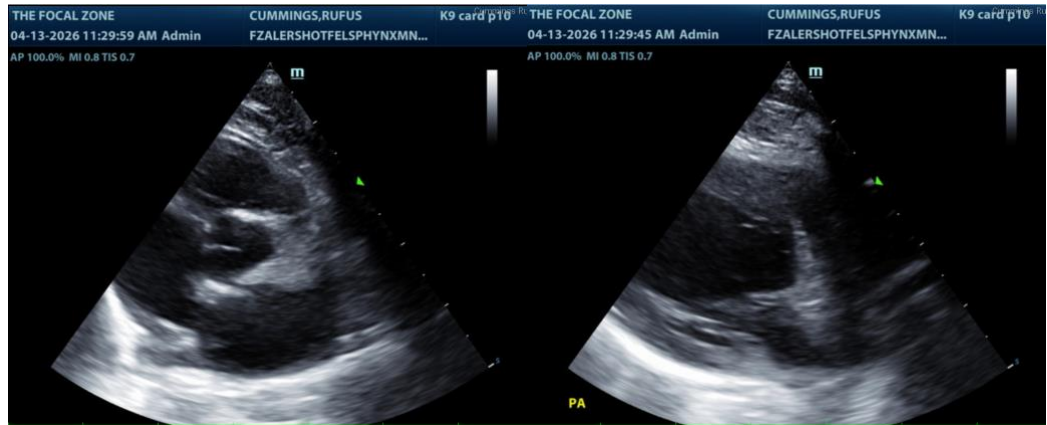
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The patient's heart is structurally normal. No evidence of hypertrophic cardiomyopathy. The recorded heart rates are bradycardic for a feline patient that is not sedated. If no sedation was performed, recommend confirming heart rate on physical and electrocardiogram. Otherwise, recheck echocardiogram is recommended in 10-12 months, sooner if the patient develops a heart murmur or cardiovascular clinical signs.



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.

Sara Brethel DVM, DACVIM (Cardiology)

info@SonoPath.com