



**PATIENT**

Bean Puma

**SPECIES**

Feline

**BREED**

Sphynx

**SEX**

Spayed Female

**AGE**

1 Year 6 Months

**WEIGHT**

7.4 Pounds

**INTERPRETED BY**

James Wood, DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Vincent Ravancho,  
CVT

**HOSPITAL NAME**

St. Georges VH

**REFERRING VET**

Dr. Ng

**INVOICE**

35985

**DATE**

5/7/26

**PRESENTING CLINICAL SIGNS**

History: Screening due to breed predisposition of cardiomyopathy.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
<b>PATIENT</b>	7.4	NM	0.44	1.29	0.35	30.2	79.2
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/)
<b>NORMAL PARAMETER</b>	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
<b>PATIENT</b>	1.35	1.18	--		1.02	0.91	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

Aorta short axis: 0.65, La long axis: 0.85, La short axis: 0.77, LVIDs: 0.9, EPSS: 0.05

**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 function is normal. Transmitral E and A waves are fused, limiting assessment of the diastolic filling pattern. 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 pulmonary valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonary or aortic valve 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**

- Normal echocardiogram

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The echocardiogram did not reveal any evidence of significant underlying structural cardiac disease, either congenital or acquired. No cardiac medications are recommended at this time. While the echocardiogram ruled out underlying heart disease, given the breed, there is a risk of developing a cardiomyopathy later in life, and routine screening with an NT proBNP or annual echocardiograms are reasonable.



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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.

James Wood, DVM, DACVIM (Cardiology)

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