

PATIENT

Sammie Puzzolanti

SPECIES

Feline

BREED

Manx

SEX

Neutered Male

AGE

15 Years

WEIGHT

6.4 kg

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Amanda Stewart

HOSPITAL NAME

Village Cat Clinic

REFERRING VET

Dr. Maxwell

INVOICE

36857

DATE

4/28/26

PRESENTING CLINICAL SIGNS

History: Temperature: 38 C, Pulse: Normal rate, Respiration: Mild tachypnea, Attitude: BAR, Hydration: euhydrated, Pain scale (Feline Grimace Scale): 1/10, BCS: 5/9, MCS: 2/3.

Current Medications: Cobalequin Chews and Solensia.

Abnormal PE/Chem/CBC/UA Results: Primary Question to Be Answered in This Exam This is a routine, recheck Echo that was recommended by Trillium last year.

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	6.4	NM	0.43	1.63	0.41	--	--
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	--	1.0	1.49		0.87	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

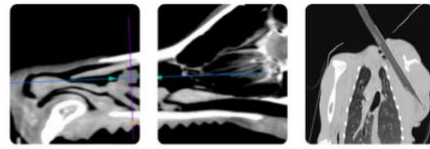
Cardiac Presentation

The 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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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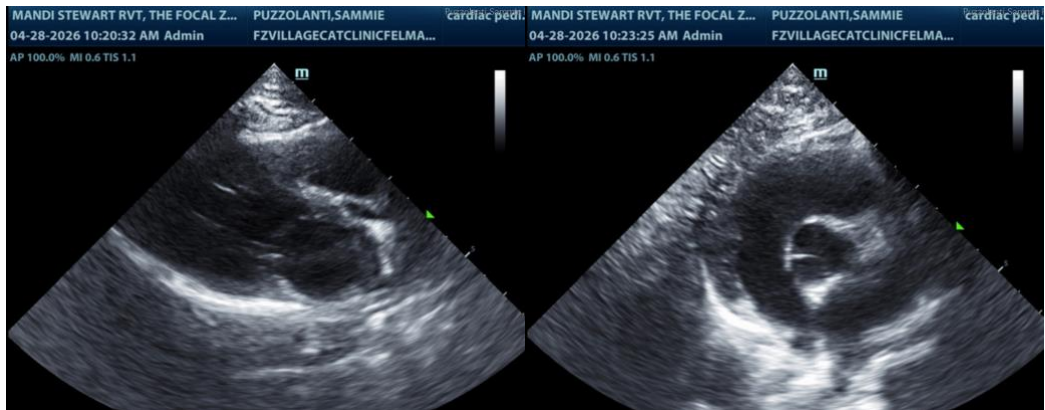
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The heart is structurally normal. The cause of the patient's tachypnea is not identified based upon the images provided. No cardiac therapies are needed at this time. The previous report is not available for review, however, the heart is within normal limits. Can consider yearly proBNPs moving forward. Alternatively, another echo can be done in a year.



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)

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