

PATIENT

Leonard Gordon

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

14 Years

WEIGHT

15.7 Pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Amanda Stewart

HOSPITAL NAME

Smithville AH

REFERRING VET

Dr. Adele

INVOICE

35964

DATE

2/24/26

PRESENTING CLINICAL SIGNS

- Owners noticed weight loss and still eating well. He does not seem like himself as per the owners. Bloodwork was done and will be emailed ruled out thyroid conditions. Has a galloping heart rhythm and resting heart rate (while sleeping) is about 20 breaths/min
- Current Medications: will be on gabapentin for this appointment. May need injectable sedation, unclear which medication at this point
- Abnormal PE/Chem/CBC/UA Results: BW attached Primary Question to Be Answered in This Exam reason for galloping heart rhythm and weight loss despite him still eating.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

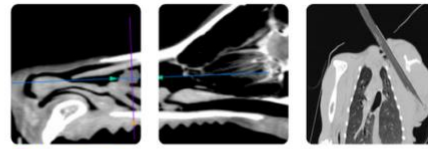
FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	7.13	159	0.47	1.48	0.48	40.54	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT 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	1.14	1.1	NM		0.8	0.5	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: 0.88

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



PATIENT

- Structurally normal heart

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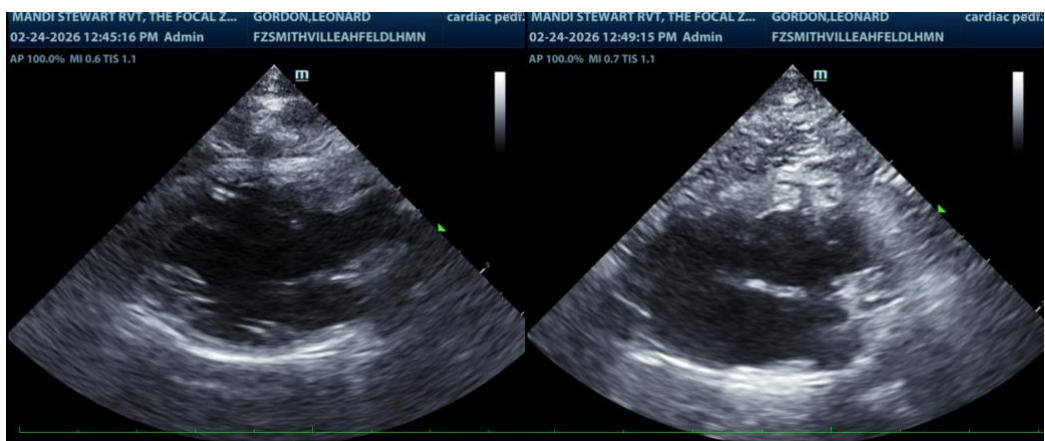
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient's heart is structurally normal. A cause of the gallop heart sound is not identified and a reason for the patient's weight loss is not identified on the images provided. Can consider a recheck echo in one year. Alternatively, can perform a proBNP in a year. If the ProBNP becomes elevated, a recheck echo would be recommended at that time. Also recommend ensuring the patient is normotensive.



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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