

PATIENT

Ginger Austin

SPECIES

Feline

BREED

DMH

SEX

Spayed Female

AGE

16.5 Years

WEIGHT

4.65 kg

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Headon Forest AH

REFERRING VET

Dr. Van Monsjou

INVOICE

36806

DATE

2/10/26

PRESENTING CLINICAL SIGNS

- Recheck echo from 6 months ago
- Dx equivocal hypertrophy of the interventricular septum, grade 2/6 systolic murmur with PMI over left base, normotensive
- Has been on Solensia and Porous one and Cobalaquin Supplementation
- Abnormal PE/Chem/CBC/UA Results: Please see attached previous echo report. Non-Proteinuria IRIS stage 3

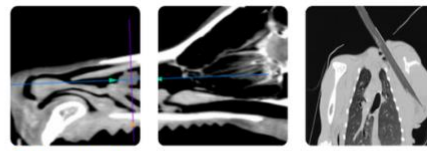
ULTRASONOGRAPHIC EXAMINATION OF THE HEART

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	4.65	205	0.57	1.3	0.49	53.84	--
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	1.09	1.22	--		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: 0.6

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 remains equivocal 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.



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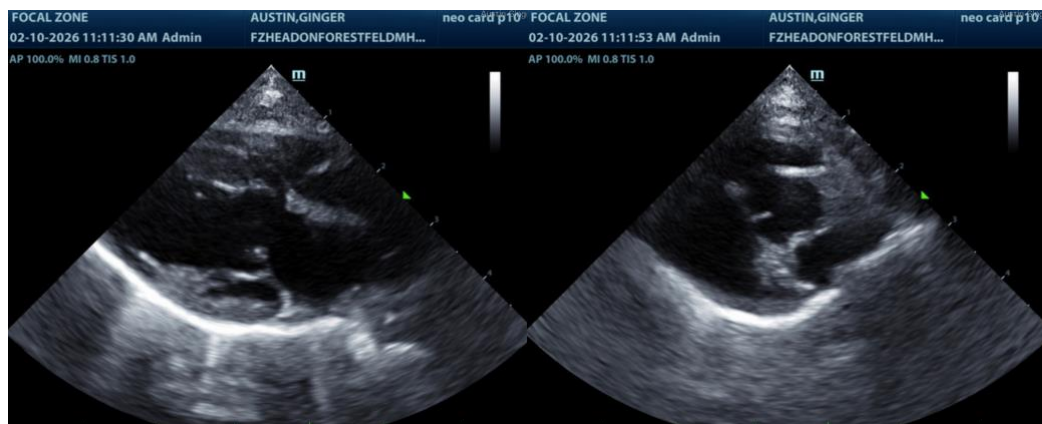
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ULTRASONOGRAPHIC FINDINGS

- Equivocal concentric hypertrophy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The echo has remained stable since the previous report performed. There remains equivocal concentric hypertrophy of the interventricular septum and normal left atrial size. No cardiac medications are recommended. A recheck echo is recommended in 12 months. Recommend ensuring the patient is normotensive and euthyroid, especially in the face of the underlying kidney disease.



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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