

PATIENT

George Newell

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

8

WEIGHT

5.7 pounds

INTERPRETED BY

Laurent Locquet, DVM,
MRCVS, GPCert, (VC)
Diplomate, ECVIM-CA
(Cardiology)

IMAGING PERFORMED BY

Ginny Dodd, DVM, D,
ABVP-CFP

HOSPITAL NAME

Monroe Road Animal
Hospital

REFERRING VET

Dr. Kylie Fackrell

INVOICE

14629

DATE

03/26/26

PRESENTING CLINICAL SIGNS

- Poor appetite, lethargy, 2/6 heart murmur, renal disease

PE: 10% dehydrated, 2-3/6 heart murmur; LK feels larger than R kidney on palpation, no masses palpated
CBC- RBC 6.42 (N>6.5; HCT 28.3 (N>31; Hgb 9.0 (N >10.6) CHEM- SDMA 26 (N <14); creatinine 2.7 (N<2.3); BUN 68 , Cystatin B 283 (<90); Anion gap 26 N< 25); UA- cyst- 1.013, pH 6.0, prot +1, bl +3, wbc 0-2/ rbc 75-100, epith cells +4 (N <10) TT4 3.7

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	5.7	NM	6.6 mm	1.01	6.7 mm	49	85
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	1.01	0.88	8.8 mm	1.24	0.88	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

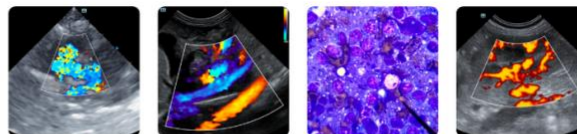
The left atrium is within normal limits. The mitral valve leaflets are normal and there is mild mitral regurgitation. There is evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. There is concentric hypertrophy of the left ventricle. The right atrium is normal. The tricuspid valve is normal without evidence of tricuspid regurgitation. The right ventricle appears to have preserved systolic function subjectively. The aortic and pulmonic valves are normal without evidence of insufficiency. Aortic and pulmonic outflow velocities are within normal limits. The aorta and PA are normal along with the associated PA branches. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- HCM stage B1 with mild MR and systolic anterior motion.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No medications are necessary. You can give fluids subcutaneous or intravenous as well but maximum one-time maintenance and keep an eye on breathing every four hours. I would recommend an ECG



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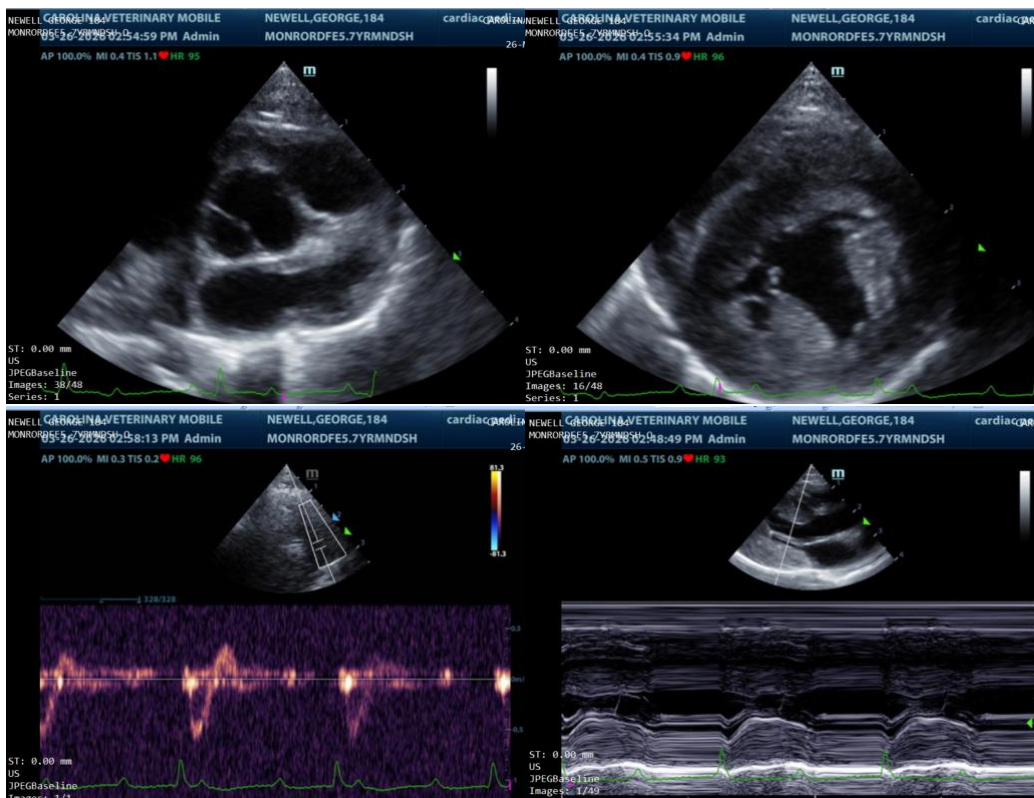
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though because I have a high suspicion there's a third-degree AV block which would be important to know



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.

Laurent Locquet, DVM, MRCVS, GPCert, (VC) Diplomate, ECVIM-CA (Cardiology)

info@SonoPath.com