

PATIENT

Violet Vigorito

SPECIES

Feline

BREED

Calico

SEX

Spayed Female

AGE

13 Years

WEIGHT

10.2 pounds

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Bergen County VC

REFERRING VET

Dr. Gioffre

INVOICE

14804

DATE

04/02/26

PRESENTING CLINICAL SIGNS

- Decr. appetite/ anorexia
- reactive on oral palpation
- gr 3/6 L parasternal HM

Abnormal PE/Chem/CBC/UA Results: bnp-247 fpl-1.9 ua ph-8.0 struvite 3+ crystals usg-1.042

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	4.64	NM	0.47	1.03	0.52	--	--
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	NM	1.06	--		NM	~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							

Cardiac Presentation

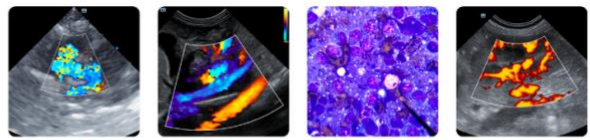
The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal 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 pulmonic outflow velocities are normal. 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

The heart is structurally normal. The cause of the patient's elevated pro BNP is not identified in the



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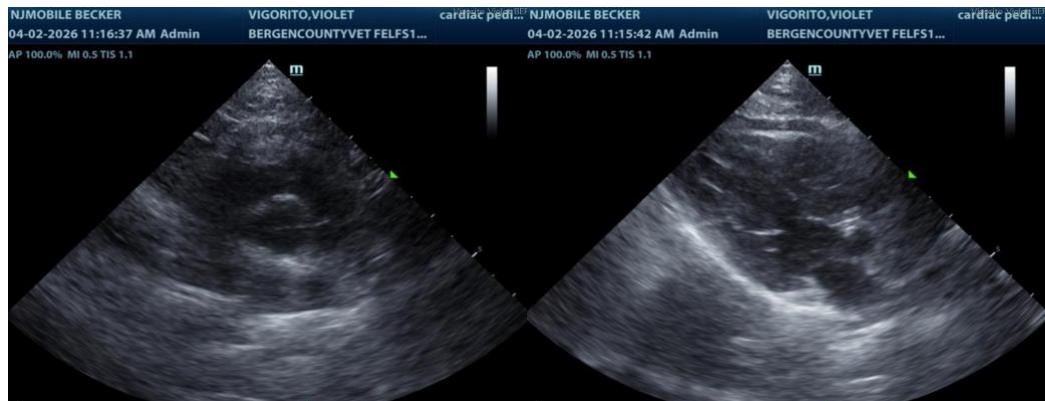
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images provided, nor a cause for the patient's clinical signs. The heart murmur is likely innocent versus physiologic pending the rest of the blood work. Recheck echo can be considered in a year given the elevated pro BNP, however the pro BNP is likely increased due to underlying inflammation or the underlying disease process affecting the patient.



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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