



PATIENT

Batman Reynolds

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

8 Years

WEIGHT

12.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Milburn VH

REFERRING VET

Dr. Mosquera

INVOICE

35562

DATE

11/19/25

PRESENTING CLINICAL SIGNS

History: Echocardiogram due to elevated pro BNP 166, last. year normal. Hx of FLUTD. needs a dental. Meds: Cerenia as needed, Onsior as needed.

Abnormal PE/Chem/CBC/UA Results: Blood work WNL 11/14/25, urine normal. USG 1.028

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	--	NM	0.35	1.94	0.34	61	92
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	1.32	1.24	1.38		1.00	0.92	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

- Normal feline heart- no structural or functional abnormalities.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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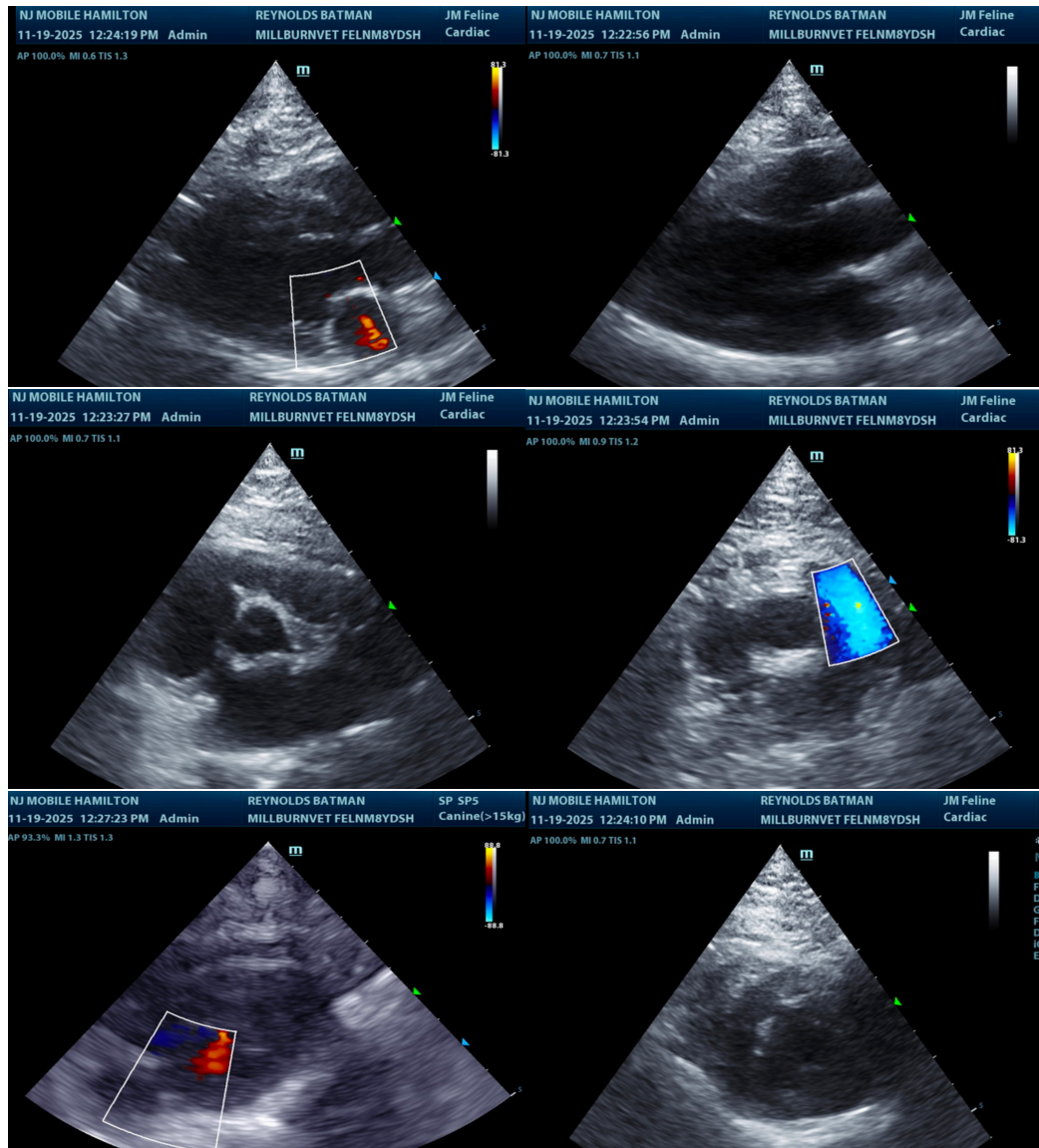
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The cardiovascular risk is not increased based on this echocardiographic examination. No medications or rechecks are necessary, unless there are concerns. The normal protocol can be used for general anesthesia. Regarding the NT proBNP, this is a good screening test, but the best way to find out whether there is structural heart disease contributing to an elevated NT proBNP, is echocardiography, which did not show any functional or structural abnormalities.



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



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can be of any further assistance please contact me.

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