

**PATIENT**

Artemis Yacobucci

**SPECIES**

Canine

**BREED**

Irish Wolfhound

**SEX**

Female

**AGE**

7

**WEIGHT**

135

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Dr. Hougentogler

**HOSPITAL NAME**

K-Vet Animal Care

**REFERRING VET**

Dr. Konegger

**INVOICE**

13555

**DATE**

02/03/26

**PRESENTING CLINICAL SIGNS**

- Patient being evaluated for surgery to remove mammary masses and to explore for suspected ovarian remnant. Pre-op bloodwork showed an elevated BNP
- QAR; moderate dental calculus; mass on caudal right mammary gland; patient has heat cycles despite reported to be spayed

Abnormal PE/Chem/CBC/UA Results: BNP- 1863 Doppler blood pressure- 162

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

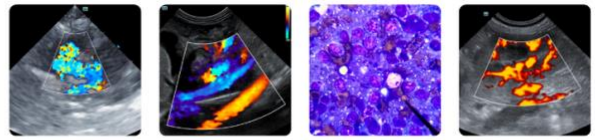
CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	1.58	1.4	32	66	0.45
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	--	1.17	0.78	135	4.79	6.09	4.10

**Cardiac Presentation**

The mitral valve leaflets are mildly thickened with trivial mitral regurgitation posteriorly directed. There is **no** prolapse of the mitral valve leaflet. The left atrial size is normal. Left ventricular internal dimensions during diastole are within normal limits and systolic function is preserved in the face of mitral regurgitation. There is normal right atrial size without tricuspid regurgitation. There is **no** prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic insufficiency. There is mild 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.

**ECG**

Heart rate is approximately 160bpm. Regular rhythm. Every p-wave is followed by a QRS complex. Every QRS complex is preceded by a p wave. QRS complexes are regular and narrow. This is compatible with sinus tachycardia.



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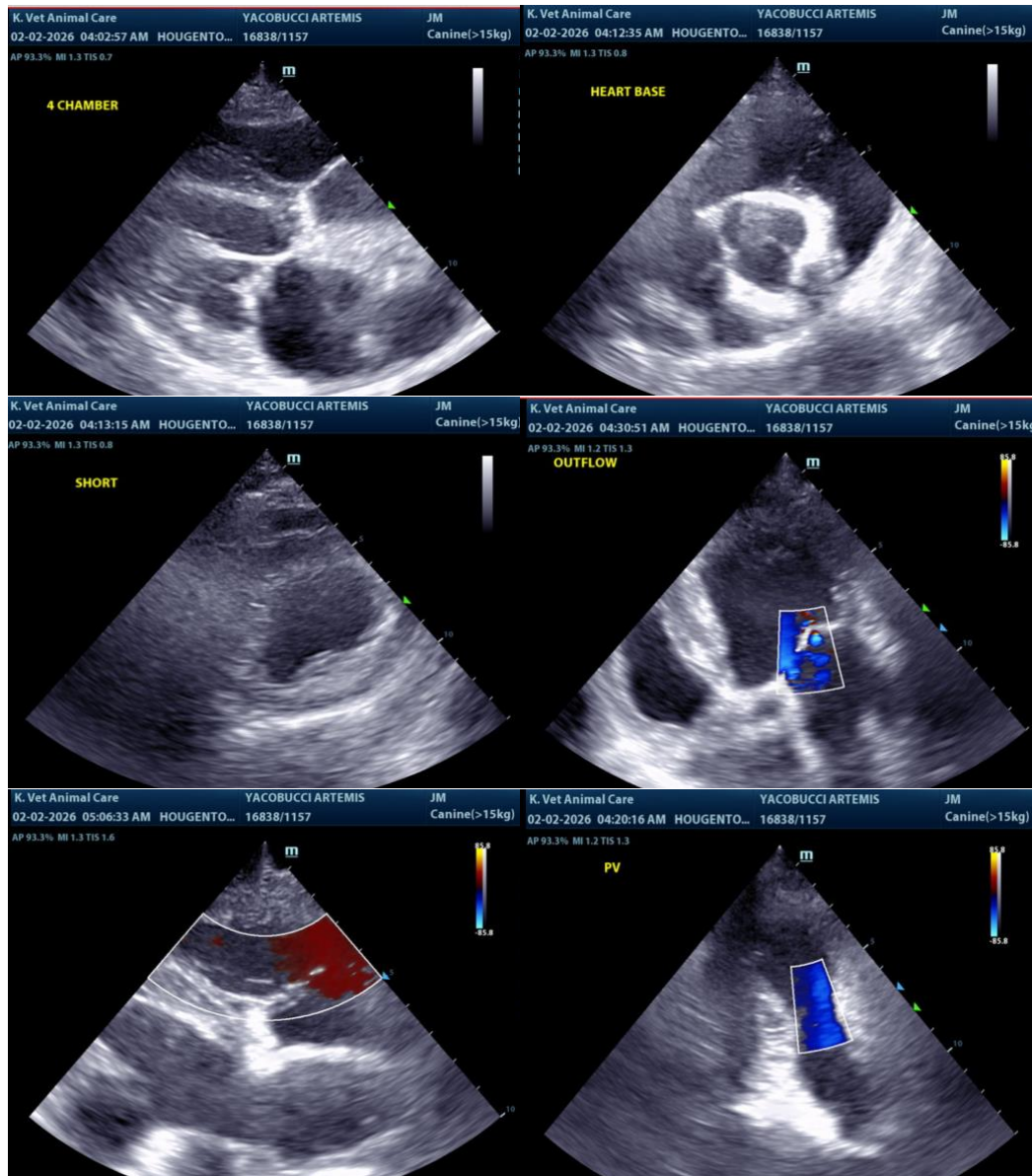
02/03/26

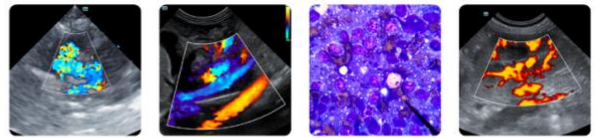
**ULTRASONOGRAPHIC FINDINGS**

- ACVIM mixed mitral valve disease stage B1 with trivial MR and concomitant mild aortic insufficiency.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No medication is necessary. Annual recheck is recommended.





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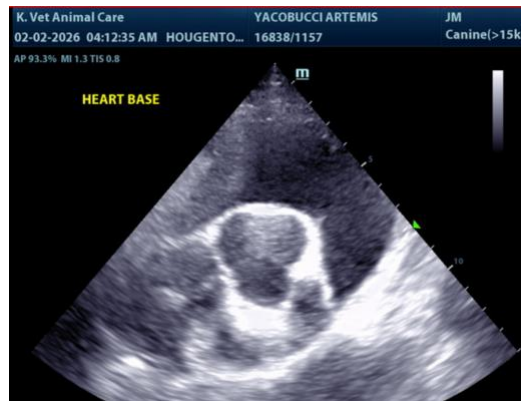
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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