



PATIENT

Josephine Walsh

SPECIES

Canine

BREED

Toy Poodle

SEX

Spayed Female

AGE

12 Years

WEIGHT

2.14

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Signal Hill AC

REFERRING VET

Dr. Cumyn

INVOICE

35736

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: Cough work up, no audible heart murmur. Cardiomegaly on rads.
Abnormal PE/Chem/CBC/UA Results: NA

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	--	--	1.57	1.39	63	93	0.18
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	--	1.31	0.74	--	2.35	1.57	0.58

MR VMAX: too mild to be measured.

Cardiac Presentation

The mitral valve leaflets are mildly thickened with very mild mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflets. 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 based upon tricuspid regurgitant velocities. 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 trivial pulmonic valve insufficiency. There is no evidence of 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

- Degenerative valve disease, ACVIM stage B-1
- Very mild mitral regurgitation
- Trivial pulmonic valve insufficiency

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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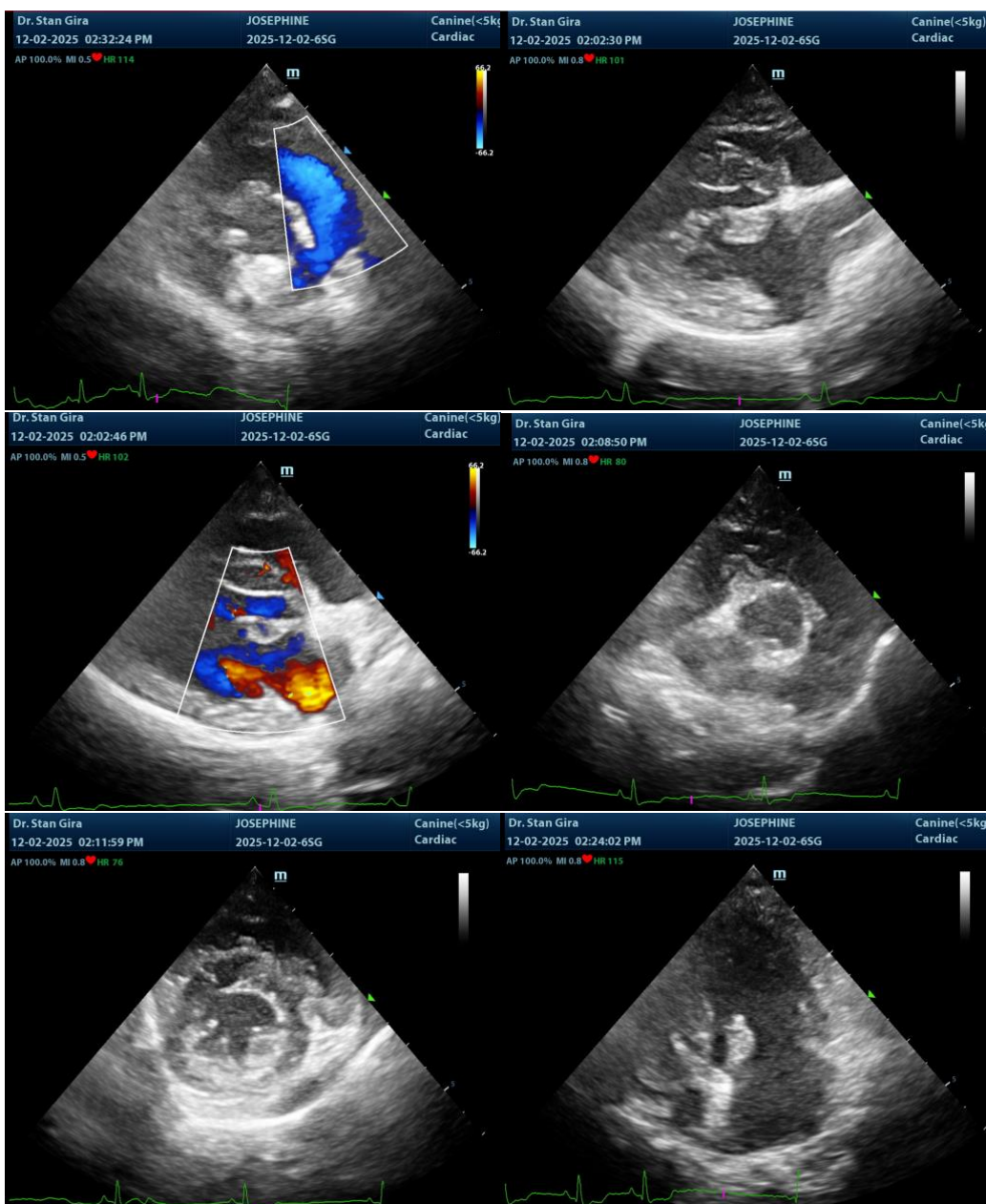
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The patient has degenerative valve disease ACVIM stage B1 and no cardiac medications are indicated at this time. Since this can be a progressive condition, serial monitoring is recommended. A recheck echocardiogram is recommended in 10-12 months. A sooner recheck is recommended if the patient develops cardiovascular clinical signs or the heart murmur is worsening in intensity. Elective anesthetic procedures should be well tolerated.

Based on this examination, no cardiomegaly was present, and the cough is not cardiogenic. Further tests could be considered, including bronchoscopy and CT scan.





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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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