



PATIENT

Dixie Sanderow

SPECIES

Canine

BREED

Cavalier King Charles
Spaniel

SEX

Spayed Female

AGE

14 Years

WEIGHT

12.8 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Bowmont AH

REFERRING VET

Dr. MacKenzie

INVOICE

37297

DATE

6/2/26

PRESENTING CLINICAL SIGNS

History: Mild Heart Murmur detected. Doing Echo prior to sedation/GA for lumpectomy.
Abnormal PE/Chem/CBC/UA Results: ALKALINE PHOSPH 274 5 -160 LIPASE 569 0- 250 proBNP 368 0 900 pmol/L.

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	NM	2.47	0.88	1.19	53	86	0.31
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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	--	1.11	1.62	12.8	2.92	2.62	1.24

Cardiac Presentation

The mitral valve leaflets are mildly thickened with mild 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 with mild 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 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

- Myxomatous mitral valve disease- ACVIM stage B1
- Mild tricuspid valve regurgitation

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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Recommend annual recheck. No medication is necessary.

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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



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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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