**PATIENT**

Lucy Ho

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Spayed female

AGE

12/14/19

WEIGHT

11.5 kg

INTERPRETED BYBradley Harris, DVM,
DACVECC, DACVIM
(cardiology)**IMAGING
PERFORMED BY**Loetitia Saint-Jacques,
LVT**HOSPITAL NAME**

Roundhill AH

REFERRING VET

Dr. Kelly

INVOICE

78224

DATE

6/1/26

PRESENTING CLINICAL SIGNS

Was seen a week ago for a bite wound, 1-2/6 systolic murmur only audible on left side noticed at this time. Femoral pulse is strong and symmetrical. Respiration rate is 20-28 on exam table. Normal respiration & lung sounds. ECHO results determine if patient is healthy enough for a needed dental cleaning. Is taking clavamox & carprofen for bite wound currently.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. The left ventricle is normal in dimension, with normal systolic function. The right atrium and ventricle are normal in dimension, with normal systolic function. The anterior and posterior mitral valve leaflets are appropriately minimally thickened and mildly redundant with intact chordae and there is no significant prolapse. There is no significant mitral regurgitation identified. The tricuspid valve leaflets are appropriately thin with adequate apposition, intact chordae, no significant tricuspid regurgitation and no evidence of pulmonary hypertension. The left ventricular outflow tract demonstrated mildly turbulent flow and the visible aorta is unremarkable. There is minimal thickening of the aortic valve noted. The right ventricular outflow tract assessment revealed normal laminar flow, with appropriate main pulmonary artery diameter and right pulmonary artery distensibility. There is no pulmonic and no aortic valve insufficiency identified. There is no visible pericardial, pleural, or free peritoneal fluid documented. No evidence of hepatic venous congestion is noted. The cardiac chambers, pericardial and visible extra-cardiac regions were free of masses, spontaneous echo contrast, or thrombi.

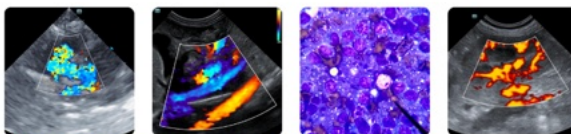
CANINE CARDIAC PARAMETERS	Body Weight kg	HR BPM	LAD 4 ch Long	RAD 4 ch Long	La/Ao Heart Base	LVIDd	LVIDs
NORMAL PARAMETER		50-100			<1.6		
PATIENT	11.5 kg	NM	2.81	1.92	1.24	3.08	1.61
CANINE CARDIAC PARAMETERS	FS	EPSS	PV V MAX (m/s)	AV V Max (m/sec)	MR Vmax	TR Vmax	RPA distensibility (normal >30%)
NORMAL PARAMETER	28-40	<0.6	0.7-1.6	0.7-1.7	4.5-5.5	< 2.7	
PATIENT	48	0.1	1.5	2.5	NM	NM	44

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with degenerative/myxomatous valve disease with minimal hemodynamic effects consistent with ACVIM Stage B1 disease. The murmur is most likely secondary to a mildly elevated left ventricular outflow tract velocity, likely physiologic in nature.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to anesthesia, fluid therapy, vasopressor therapy, or corticosteroids as indicated for further assessment



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and treatment. If not already performed, baseline thoracic radiographs and blood pressure are recommended. A recheck echocardiogram is recommended in 6 months.

Anesthesia considerations:

If anesthesia is necessary, alpha-2 agonists, ketamine, high dose acepromazine, and Telazol should be avoided. Fluid therapy during anesthesia should be considered at a conservative rate (e.g., 5 ml/kg/hour) if possible.

Diet:

A high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina that is highly palatable with adequate protein and calories for maintaining optimal body condition is reasonable.

Activity:

No special considerations are necessary.



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.

Bradley Harris, DVM, DACVECC, DACVIM (cardiology)

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