



PATIENT PRESENTING CLINICAL SIGNS

Abbie Bain
SPECIES Canine
 History: Lameness right hind, not weight bearing. BCS 5/9, excellent muscle mass, right hind tibial thrust and cranial drawer, noted grade 2/6 heart murmur with no symptoms. Diagnosed with right cruciate rupture. Will be referred to OVC ortho for surgery. Assess heart health for anesthetic and surgery. Has been on Gabapentin.
 Abnormal PE/Chem/CBC/UA Results: N/A

BREED

WHWT

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

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 subjectively normal in dimension and systolic function. The anterior and posterior mitral valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation, prolapse, or myxomatous changes noted. There is trivial tricuspid valve regurgitation with no evidence of pulmonary hypertension. The left ventricular outflow tract demonstrated normal laminar flow and the visible aorta is unremarkable. The right ventricular outflow tract assessment revealed normal laminar flow, and appropriate diameter and distensibility. There is no evidence of semilunar valve insufficiency. There is no visible pericardial, pleural, or free peritoneal fluid noted. The cardiac chambers, pericardial and visible extra-cardiac regions were free of masses, spontaneous echo contrast, or thrombi.

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Amanda Stewart

HOSPITAL NAME

Hillview VC

REFERRING VET

Dr. Stenveson

INVOICE

69103

DATE

11/26/25

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	8.09 kg	150	2.8	1.55	1.4	2.84	1.24
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	56	0.2	1.4	2.2	Not present	1.5	42

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with an essentially normal echocardiogram. Any murmur will be considered functional in origin (secondary to a dynamic left ventricular outflow tract obstruction). No cardiac cause of the morbidity is identified.



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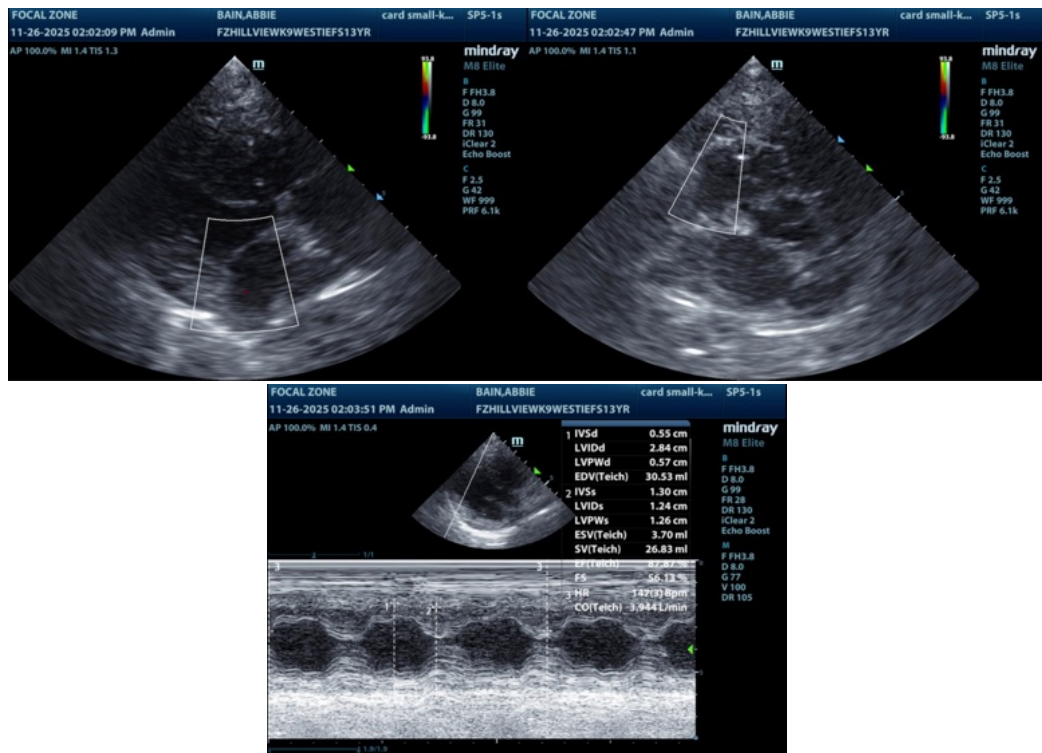
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to fluid therapy or corticosteroid therapy, as indicated for further assessment and treatment. No specific cardiac recheck is recommended unless a murmur or clinical signs of heart disease develop.

Anesthesia considerations:
 No special considerations are necessary.

Diet:
 No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina 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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