

PATIENT PRESENTING CLINICAL SIGNS

Mousse Roussel
SPECIES History: March 2025 noted grade 1/6 left sided HM on PE
 April 2026 grade 4/6 bilateral murmur, coughing when excited, coughs with pressure on thoracic inlet,
 not coughing when first gets up in the morning.
 Normal lung sounds. Owner reports less energy.
 Canine No meds
 Abnormal PE/Chem/CBC/UA Results: N/A

BREED

Pom

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

SEX The left atrium is normal in dimension. The left ventricle is normal in dimension with normal systolic
 Spayed female function. The right atrium and ventricle are normal in dimension with normal systolic function. The
AGE anterior and posterior mitral valve leaflets are appropriately thin with adequate apposition and intact
 10 years chordae, and there is no significant prolapse. There is no significant mitral regurgitation identified. The
WEIGHT tricuspid valve leaflets are appropriately thin with adequate apposition and intact chordae, with no
 8.6 lbs significant tricuspid regurgitation and 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, 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.

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

The Maples AH

REFERRING VET

Dr. Kazienko

INVOICE

74765

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4/23/26

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	3.91 kg	NM	2.25	1.72	1.33	2.07	1.03
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	50	0.2	1.6	2.5	6.6	2.1	NM

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with degenerative/myxomatous mitral valve disease with minimal to mild hemodynamic effects consistent with ACVIM Stage B1 disease. It is unlikely that any current morbidity is of cardiac origin.



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Spayed female

AGE

10 years

WEIGHT

8.6 lbs

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

Anesthesia considerations:

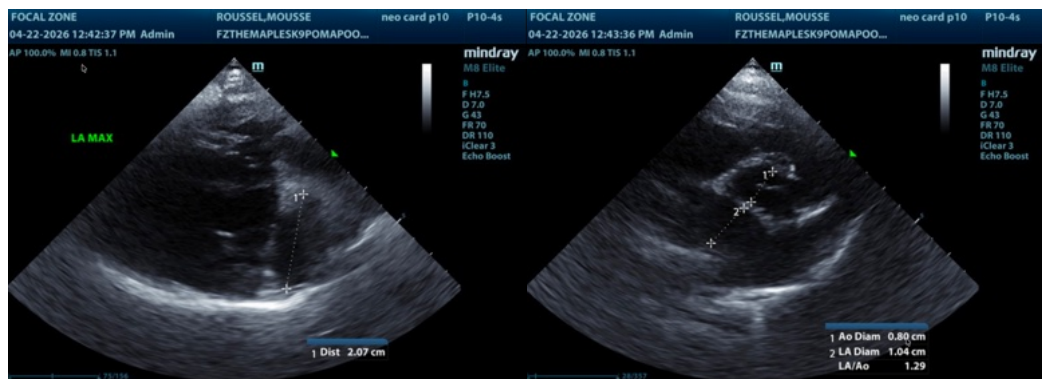
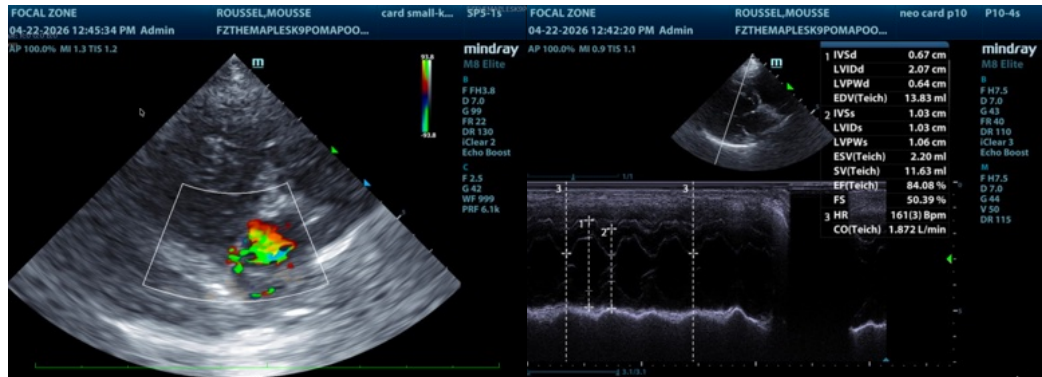
If anesthesia is necessary, alpha-2 agonists, ketamine, high dose acepromazine, and Telazol should be avoided. Fluid therapy during anesthesia should be considered at a conservative rate (e.g., 5 ml/kg/hour) if possible.

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



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can be of any further assistance please contact me.

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