



PATIENT

Neve All Humane
Animal Rescue

SPECIES

Canine

BREED

Maltese Mix

SEX

Spayed female

AGE

1 year

WEIGHT

Not provided

INTERPRETED BY

Bradley Harris, DVM,
DACVECC, DACVIM
(cardiology)

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Legacy AH

REFERRING VET

Dr. Potenzone

INVOICE

70856

DATE

1/14/26

PRESENTING CLINICAL SIGNS

- HM- baseline echo

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. The left ventricle is normal in dimension as well as systolic function. The right atrium and ventricle are subjectively normal in dimension, with normal systolic function, and evidence of mild to moderate right ventricular hypertrophy. The anterior and posterior mitral and tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation, prolapse, or myxomatous changes noted. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural valvular integrity with no aortic insufficiency. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed a narrowed valve orifice with concern for dysplasia, turbulent flow, an increased main pulmonary artery dimension, and severe pulmonic 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.

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	Not provided	160	1.81	1.49	0.97	1.76	1.06
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	40	0.3	4.2	1.0	NM	NM	NM

ULTRASONOGRAPHIC FINDINGS

- These findings are consistent moderate to severe pulmonic stenosis, with secondary right sided hypertrophy, but no overt chamber dilation at this time.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cardiac therapy with atenolol (initial dose 1-2 mg/kg BID, higher doses may be needed) is recommended. Given the severity of disease, the merits of a balloon valvuloplasty should be discussed with the owner. Regardless of if an intervention is being considered, a re-evaluation by a cardiologist



PATIENT

Neve All Humane
 Animal Rescue

SPECIES

Canine

BREED

Maltese Mix

SEX

Spayed female

AGE

1 year

WEIGHT

Not provided

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Legacy AH

REFERRING VET

Dr. Potenzone

INVOICE

70856

DATE

1/14/26

would be appropriate. A repeat echocardiogram is indicated in 6-12 months, or sooner if intervention is elected.

Anesthesia:

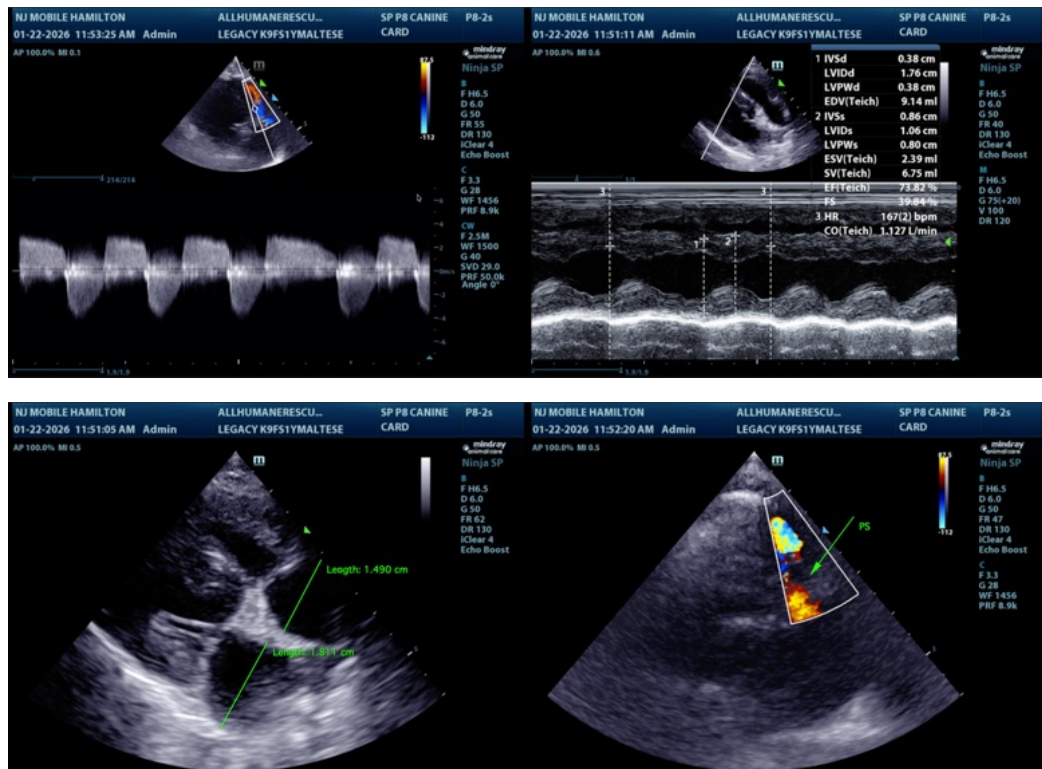
If anesthesia is necessary, then alpha-2 agonists, ketamine, high dose acepromazine, and Telazol should be avoided. Skip any ACE-inhibitor (if receiving) on morning of anesthesia. Fluid therapy during anesthesia should be considered at a reduced rate (e.g., 5 ml/kg/hour) if possible. A shorter anesthetic duration will reduce the risk of complications. Pre-oxygenation is advised. Pre-medication with an opioid (i.e., butorphanol, hydromorphone, oxymorphone) with or without a benzodiazepine is generally the safest protocol. An induction agent such as Propofol, alfaxalone, or diazepam/etomidate can be used to effect. Maintenance of anesthesia with isoflurane or sevoflurane is reasonable.

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:

Avoid overly strenuous activity.





PATIENT

Neve All Humane
 Animal Rescue

SPECIES

Canine

BREED

Maltese Mix

SEX

Spayed female

AGE

1 year

WEIGHT

Not provided

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Legacy AH

REFERRING VET

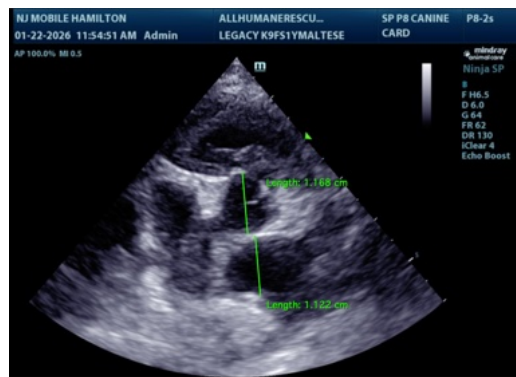
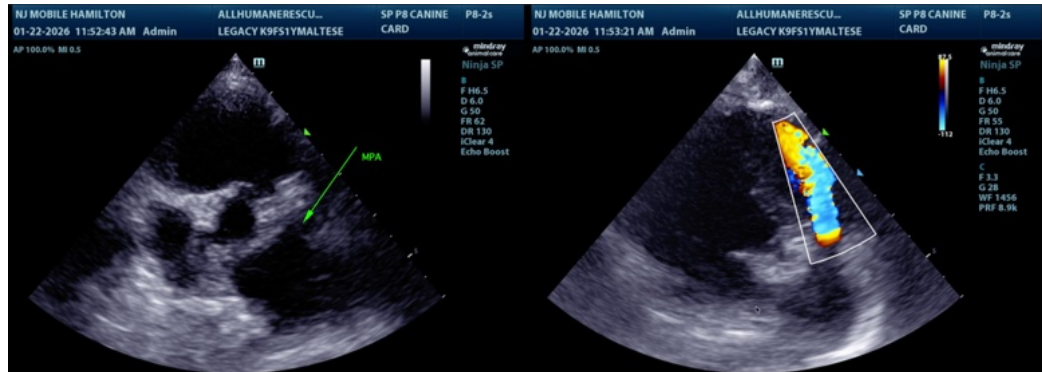
Dr. Potenza

INVOICE

70856

DATE

1/14/26



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)

info@SonoPath.com