



**PATIENT**

Penelope Banner

**SPECIES**

Canine

**BREED**

Toy Poodle Mix

**SEX**

Female Intact

**AGE**

6 months

**WEIGHT**

10.4lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Amanda Stewart

**HOSPITAL NAME**

Main Street Animal  
Hospital

**REFERRING VET**

Dr. Morris

**INVOICE**

46725

**DATE**

2/6/26

**PRESENTING CLINICAL SIGNS**

History: During spay surgery 2/3/2026. Pres-sedation TPR NAF, HR and rhythm normal. Immediately after intubation, once on isoflurane, spontaneous gallop arrhythmia and left sided grade 3/6 murmur noted during monitoring. Once Iso/ O2 off and on room air, HR and rhythm returned to normal and recovered normally. Assess prior to anesthesia.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. Normal mitral valve leaflets with no prolapse into the left atrial lumen. No mitral regurgitation is seen, with a normal left atrial dimension. Normal LV diameter with adequate myocardial function. The tricuspid valve appears normal with no significant tricuspid regurgitation. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic and aortic valves are normal in morphology and mobility. Normal pulmonic and aortic outflow velocities with laminar flow. No aortic and trace pulmonic insufficiency. No obvious congenital shunts or defects are observed. No pericardial or pleural effusion noted. No obvious cardiac masses.

**CARDIAC CHART**

<b>CANINE CARDIAC PARAMETERS</b>	<b>MR VMAX</b> (m/s)	<b>TR VMAX</b> (m/s)	<b>LA/AO</b> (Boon method)	<b>LA/AO</b> (Heart Base; Swe)	<b>FS</b> (%)	<b>EF</b> (%)	<b>EPSS</b> (cm)
<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
<b>PATIENT</b>	NA	NA	1.4	1.3	30	60	NM
<b>CANINE CARDIAC PARAMETERS</b>	<b>HR</b> (BPM)	<b>AV VMAX</b> (m/s)	<b>PV MAX</b> (m/s)	<b>BODY WEIGHT</b> (kg)	<b>LA</b> 2D short axis Base view (cm)	<b>LVIDd</b> Avg; 2D and m-mode short axis (cm)	<b>LVIDs</b> Avg; 2D and m-mode short axis (cm)
<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
<b>PATIENT</b>	144	1.3	1.0	4.7	1.7	1.9	1.3
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
<b>BODY WEIGHT DEPENDENT PARAMETERS</b>				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
*Note: All measurements based upon multi-modal images and methods. An average value is reported.				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overtly normal cardiac structural and function is identified. No significant valve leaks are appreciated, and flow through the great vessels is normal. No obvious congenital issues are seen and in the absence of a heart murmur structural disease is highly unlikely.



**PATIENT**

Penelope Banner

These findings would suggest the anesthetic changes were likely transient in nature, secondary to HR and/or volume changes. Assuming no murmur is ausculted in the future, no follow up is necessary.

**SPECIES**

Canine

Prognosis is open and there is no contraindication for general anesthesia.

**BREED**

Toy Poodle Mix

Monitor for development of a heart murmur, cough, labored breathing, exercise intolerance or collapse episodes.

**SEX**

Female Intact

A recheck echocardiogram is recommended annually for breeding soundness, sooner if any clinical signs, murmur, etc. arise.

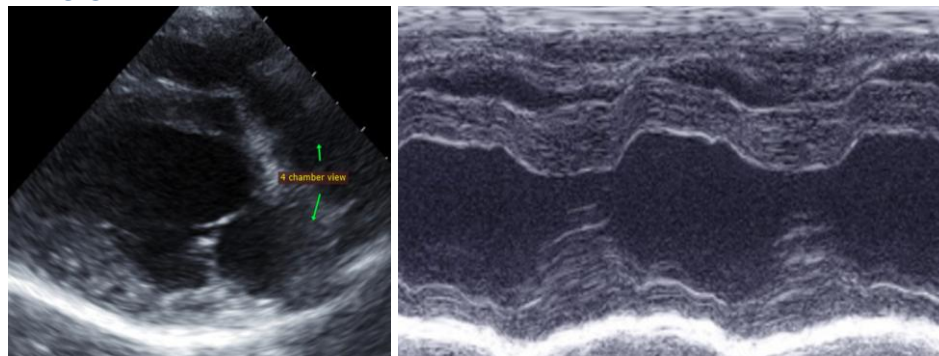
**AGE**

6 months

**WEIGHT**

10.4lbs

**IMAGES**



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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

**IMAGING PERFORMED BY**

Amanda Stewart

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**HOSPITAL NAME**

Main Street Animal  
Hospital

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