



## PATIENT

Maple Kretschmer

## SPECIES

Feline

## BREED

DMH

## SEX

Male Neutered

## AGE

8.7 years

## WEIGHT

14.11lbs

## INTERPRETED BY

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

## IMAGING PERFORMED BY

Potomac Mobile  
Veterinary Ultrasound

## HOSPITAL NAME

Banfield Pet Hospital,  
Leesburg Village

## REFERRING VET

Dr. Jarrett

## INVOICE

24456

## DATE

5/27/22

## PRESENTING CLINICAL SIGNS

History: No history provided. Assess prior to anesthesia.

## ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall thickness is normal. There is a mildly hyperechoic endocardium. The left ventricular chamber is normal in dimension. The papillary muscles appear normal. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. There is no mitral regurgitation present. Mild tricuspid regurgitation identified. Blood flow through both the LVOT and RVOT are normal in velocity. Trace AI. No effusions or cardiac tumors are identified.

## CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LWVd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
<b>PATIENT</b>	6.4	190	0.48	1.57	0.46	65	94
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE <small>(Swe) (Abbott)</small>	LA 2D short axis Base view Base view (cm) <small>(Abbott)</small>		LVOT VEL  (m/s)	RVOT VEL  (m/s)	E max  (m/s)
<b>NORMAL</b>	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
<b>PATIENT</b>	1.0	1.2	1.2		0.7	0.8	NM

*\*Note: All measurements based upon multi-modal images and methods. An average value is reported.*  
Adapted from June Boon, Veterinary Echocardiography, 1998  
Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The only abnormality identified is mild tricuspid and trace aortic insufficiency. TR in cats is most often physiologic, with little progression or clinical relevance. The left heart is largely normal with no evidence of hypertrophic or other congenital disease. Both atria are normal, indicating low risk for complication. With any aortic leak, a baseline blood pressure is recommended. No additional issues are noted.

No cardiac contraindication for anesthesia at this time.

No medications are indicated. Monitor in the future for respiratory compromise, syncope/lethargy, or signs of a blood clot (paralysis, lameness).

Recommend recheck echocardiogram in 12 months to screen for progression.



**PATIENT**

Maple Kretschmer

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Male Neutered

**AGE**

8.7 years

**WEIGHT**

14.11lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Potomac Mobile  
Veterinary Ultrasound

**HOSPITAL NAME**

Banfield Pet Hospital,  
Leesburg Village

**REFERRING VET**

Dr. Jarrett

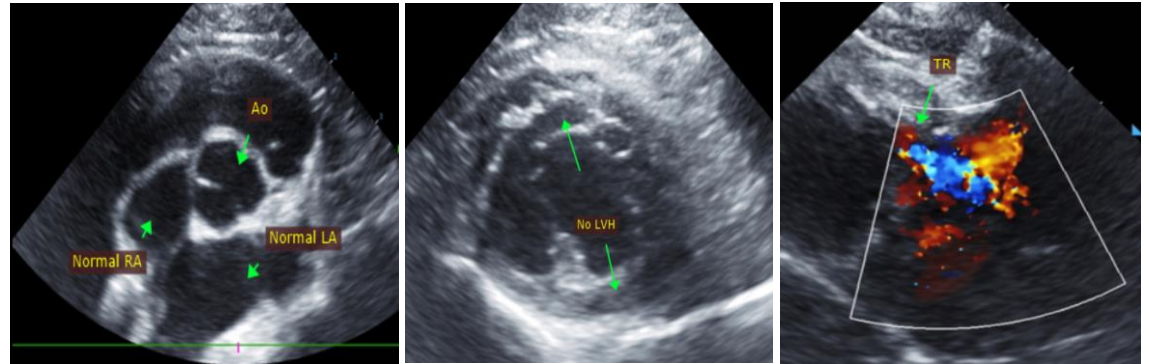
**INVOICE**

24456

**DATE**

5/27/22

**IMAGES**



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.

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.

**Maggie Machen Lamy, DVM**  
**Diplomate of the American College of Veterinary Internal Medicine (Cardiology)**  
info@sonopath.com