



PATIENT

Ziggy Johnson

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

1.5 years

WEIGHT

11lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Potomac Mobile
Veterinary Ultrasound

HOSPITAL NAME

Banfield Leesburg

REFERRING VET

Dr. Jarrett

INVOICE

21436

DATE

10/8/21

PRESENTING CLINICAL SIGNS

History: Grade II/VI left parasternal murmur ausculted a few weeks ago during wellness visit. Coughing episode occurred when patient became stressed. Owner says asymptomatic at home. Murmur has been ausculted intermittently before.

-Abnormal PE/Chem/CBC/UA Results: WNL.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Borderline normal LV wall thickness. Color flow is suggestive of a small left to right perimembranous VSD on some views; however, this cannot be confirmed on 2D or Doppler imaging. Normal mitral valve. Normal LVOT velocity. The LA is normal in dimension. RA is normal. Normal tricuspid valve. Trace/mild TR. Normal velocity. Normal RVOT velocity. PV appears normal. No PI. Normal RV wall thickness and dimension (subjective). MPA is normal. Aortic valve is normal. No AI. No obvious additional congenital defects. No effusions.

CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	5.0	240	0.51	1.23	0.51	52	88
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE (Swe) <small>(Abbott)</small>	LA 2D short axis Base view (cm) <small>(Abbott)</small>		LVOT VEL (m/s)	RVOT VEL (m/s)	E max (m/s)
NORMAL	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
PATIENT	1.2	1.2	1.1		1.5	1.8	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

Two small abnormalities are suspected. First is a small tricuspid leak which may or may not ausculted on exam. This is generally physiologic in origin (i.e., non-progressive); however, monitoring for progression is advised in a young cat. Additionally, some views are suggestive of a small perimembranous ventricular septal defect (VSD). This is not definitive as this cannot be confirmed on ancillary views. Even if confirmed, the defect is hemodynamically insignificant with no clinical relevance. The overall cardiac dimensions and function are normal. The LV wall thickness is considered borderline and follow up is advised. No additional issues are identified. No medications are indicated at this time.

Prognosis is good; however, follow up is advised to screen for any progressive changes as this young animal ages.

No cardiac contribution to the cough is suspected. Consider primary respiratory causes.



PATIENT

Ziggy Johnson

Anesthetic risk is low, with no contraindication at this time.

Recheck echocardiogram in 1 year to screen for any progression, sooner if any clinical signs arise.

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

1.5 years

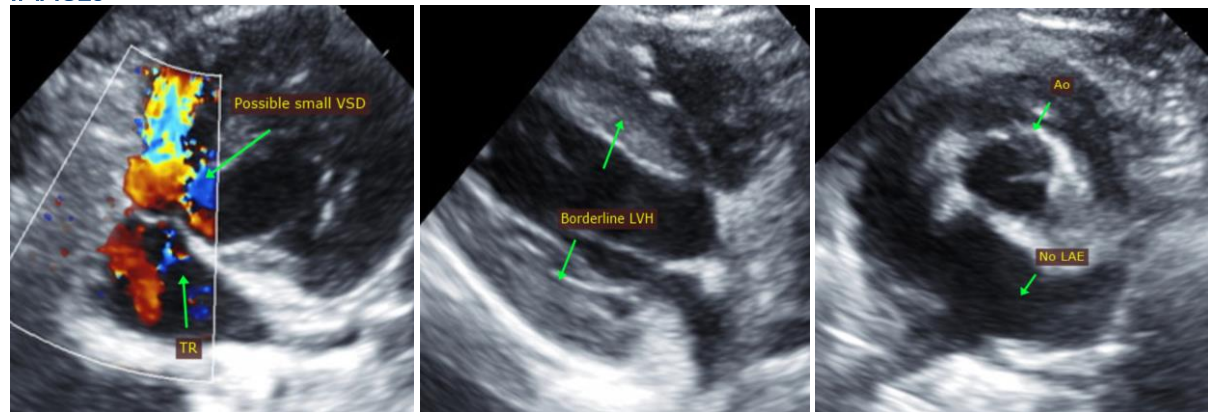
WEIGHT

11lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

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

IMAGING PERFORMED BY

Potomac Mobile
Veterinary Ultrasound

HOSPITAL NAME

Banfield Leesburg

REFERRING VET

Dr. Jarrett

INVOICE

21436

DATE

10/8/21