



PATIENT

Rascal Liati

PRESENTING CLINICAL SIGNS

History: Grade 3/6 heart murmur. Asymptomatic.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Non-diagnostic study due to anatomic distortion. What can be said is a large muscular ventricular septal defect is suspected with left to right flow. Flow through the pulmonary artery is mildly increased likely due to increased volume. An endocardial cushion defect is suspected although the MV/TV are not extensively visualized. There is mild left atrial enlargement. No LV hypertrophy or dilation with adequate function. No pericardial or pleural effusion identified.

BREED

DSH

CARDIAC CHART

SEX

Male Neutered

AGE

4 years

WEIGHT

10.56lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LWVd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	4.8	140	0.51	1.44	0.46	36	70
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) (Abbott)	LA 2D short axis Base view (cm) (Abbott)		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	1.5	1.4	1.4		1.0	2.5	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.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Complex congenital heart disease is identified without a definitive diagnosis. What can be said is a large muscular VSD is appreciated, which may be consistent with an endocardial cushion defect. Flow through the pulmonary artery is increased in velocity, likely due to volume overload; however, standard imaging is unable to be obtained. Referral should be elected in this complicated case.

HOSPITAL NAME

Cresskill Animal Hospital

Prognosis is guarded long term, although in a 4 year old cat without symptoms this is certainly a good sign. No medications are indicated prior to a definitive diagnosis in an asymptomatic patient.

REFERRING VET

Dr. Khodari

Anesthesia is not advised prior to further evaluation. The patient is at high risk for complications at this time.

INVOICE

28671

PLAN

Referral is advised to determine definitive diagnosis and treatment plan.

DATE

1/31/23

If declined, reassess in 6 months.



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HOSPITAL NAME

Cresskill Animal
Hospital

REFERRING VET

Dr. Khodari

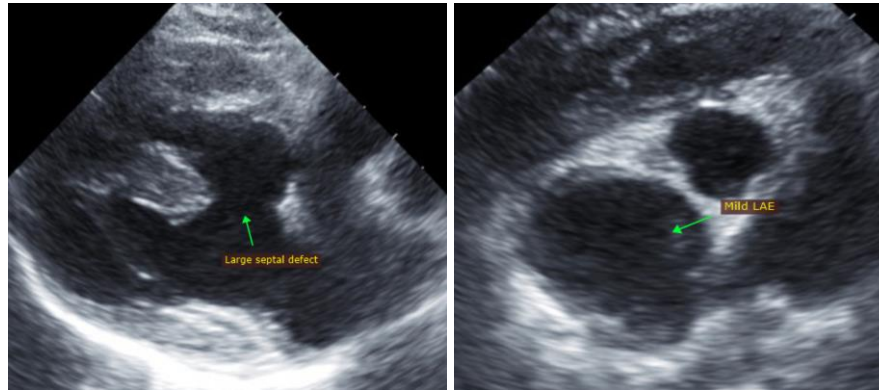
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DATE

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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.

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