



PATIENT

Shadow Strauss

SPECIES

Feline

BREED

Russian Blue

SEX

Neutered Male

AGE

14 Years

WEIGHT

Not Provided

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Englewood Cliffs
Veterinary

REFERRING VET

Dr. Rachel S. Park

INVOICE

37132

DATE

5/18/26

PRESENTING CLINICAL SIGNS

History: Grade II/VI heart murmur auscultated for the first time at heart base-Needs dental. Current Medications: Convenia; Onsior given 5/15/26.

Abnormal PE/Chem/CBC/UA Results: wnl

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	NM	188	0.53	1.37	0.49	59.1	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL (m/s)	RVOT VEL (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.1	1.32	1.02		0.58	0.68	NM
Adapted from June Boon, Veterinary Echocardiography,1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. Transmittal inflow E and A waves are fused, but when partially separated, suggest a delayed relaxation pattern of LV filling. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size with mild tricuspid valve insufficiency. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonary valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonary or aortic valve insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Structurally normal heart on echocardiogram
- Benign murmur

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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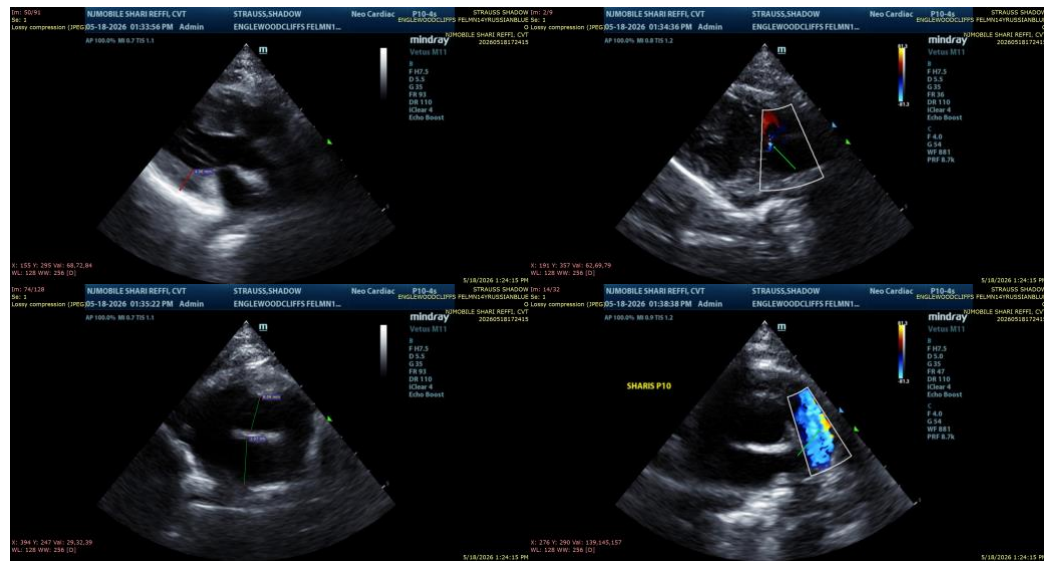
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The echocardiogram did not reveal any significant underlying structural cardiac disease. The delayed LV relaxation pattern may be age related given the reported signalment. There is no cardiac contraindication to anesthesia. No specific cardiac medications are recommended at this time. Recheck is only necessary if additional concerns for cardiac disease arise in the future, such as gallop sound, arrhythmia, or elevated NT proBNP.



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.

James Wood, DVM, DACVIM (Cardiology)

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