

PRESENTING CLINICAL SIGNS

History: Grade 6/6 murmur. Pre-anesthetic evaluation (OHE).

DATE

8/31/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Tom McNeill

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve appears normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve appear normal, though there is mildly increased flow velocity in the main pulmonary artery. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA/Ao – 1.28
IVSd – 4.2 mm
LVPWd – 4.4 mm
LVIDd – 15.9 mm
LVIDs – 7.6 mm
FS – 52.2%
RA – 10.6 mm
LVOT – 1.29 m/s
RVOT – 1.90 m/s

PATIENT

Nala Jerling

SPECIES

Feline

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 166 bpm
Rhythm: Sinus

BREED

DSH

Normal sinus rhythm is present throughout this recording. A handful of QRS complex amplitudes are very small, though this is likely due to artifact. No premature beats or conduction blocks are seen.

SEX

FI

RADIOGRAPHIC FINDINGS

Three-view thoracic radiographs are submitted for review.

There is mild generalized enlargement of the cardiac silhouette. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. The trachea is normal. The remainder of the thorax is unremarkable.

AGE

11 mo

ASSESSMENT/RECOMMENDATIONS

WEIGHT

5.22 lb

This examination demonstrates no obvious evidence of structural heart disease. The only possible cause of a murmur in the image set is mildly increased flow velocity in Nala's main pulmonary artery, which is a common reason for a functional/innocent murmur to develop in cats.

HOSPITAL NAME

SVS Imaging CT

Nala's radiographs demonstrate mild enlargement of her cardiac silhouette, though this is likely a normal variant or artifactual, as no cardiac chamber enlargement is present in her echocardiogram.

No arrhythmia is seen in Nala's ECG.

REFERRING VET

Dr. Lippmann



Nala's cardiovascular risk for general anesthesia is low based on these exams, and there are no contraindications to the use of any specific anesthetic agents.

DATE

8/31/22

No therapy is recommended based on these exams.

A recheck echocardiogram is recommended if the characteristics of Nala's murmur change, or if other new physical exam and/or clinical abnormalities suggestive of the presence of structural heart disease develop.

PERFORMED BY:

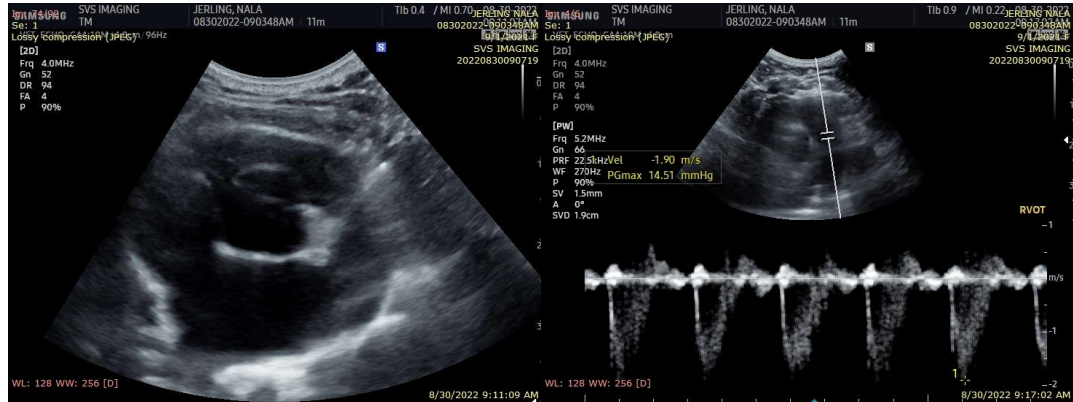
Tom McNeill

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Nala Jerling



SPECIES

Feline

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. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

BREED

DSH

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

SEX

FI

AGE

11 mo

WEIGHT

5.22 lb

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

Dr. Lippmann