

PATIENT PRESENTING CLINICAL SIGNS

Nala Monaco Grade IV/VI systolic murmur. Pre-anesthetic evaluation (spay).

SPECIES ECHOCARDIOGRAPHIC FINDINGS

Feline 2D, M-mode, and Doppler study.

BREED Left atrial size is normal. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic appear normal, though very mild aortic insufficiency is present. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though very mild tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal, though there is mildly increased flow velocity in the main pulmonary artery. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

SEX
FI
AGE
9 mo
WEIGHT
3.40 kg

LA/Ao - 1.40
IVSd - 4.0 mm
LVPWd - 4.1 mm
LVIDd - 13.1 mm
LVIDs - 6.0 mm
FS - 54%
RA - 12.3 mm
LVOT - 1.07 m/s
RVOT - 2.53 m/s

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY
Keith Blass, DVM, MS
DACVIM(Cardiology)

Nala's murmur appears to be due to the presence of mildly increased flow velocity in her main pulmonary artery. This likely represents a functional/physiologic increase in flow velocity, though the presence of a very mild form of pulmonic stenosis cannot be ruled out. The hemodynamic effects of the velocity increase appear to be negligible, and Nala's current risk for the development of clinical signs secondary to it appears to be low.

HOSPITAL NAME
Airport AH

Also seen in this exam is very mild regurgitation of blood across Nala's tricuspid valve.

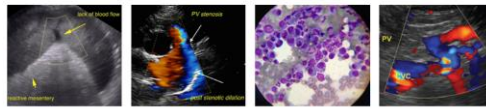
REFERRING VET
Dr. Gudluru

Nala's cardiovascular risk for general anesthesia appears to be low based on this exam, and there are no contraindications to the use of any specific anesthetic agents.

INVOICE
No therapy is recommended based on this exam.

DATE
1/26/22

A recheck echocardiogram is recommended in 12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.



PATIENT

Nala Monaco

SPECIES

Feline

BREED

Bengal

SEX

FI

AGE

9 mo

WEIGHT

3.40 kg

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HOSPITAL NAME

Airport AH

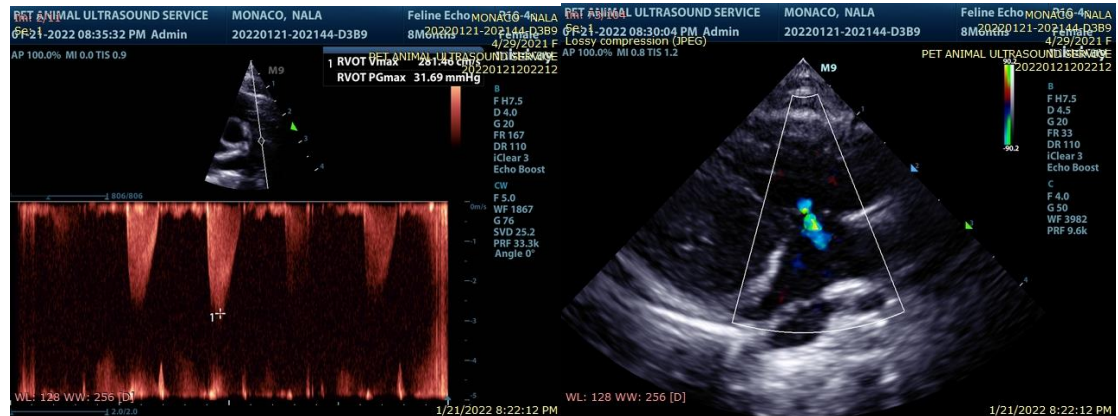
REFERRING VET

Dr. Gudluru

INVOICE

DATE

1/26/22



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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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