



PRESENTING CLINICAL SIGNS

History: Grade 3/6 systolic murmur. Asymptomatic.

DATE

9/22/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Kelly Vazquez

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. There is mild hypertrophy of the interventricular septum, as well as borderline mild hypertrophy of the left ventricular posterior wall. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. There is systolic anterior motion of the mitral valve leaflets creating dynamic obstruction to flow in the left ventricular outflow tract, with mild secondary mitral regurgitation. 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 are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA/Ao – 1.32
IVSd – 6.1 mm
LVPWd – 5.6 mm
LVIDd – 12.9 mm
LVIDs – 5.2 mm
FS – 59.7%
LVOT – 3.43 m/s
RVOT – 0.82 m/s

PATIENT

Coco Priestner

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

Hypertrophic obstructive cardiomyopathy (HOCM)

BREED

This examination demonstrates mild hypertrophy of Coco's interventricular septum, consistent with the presence of HCM. Associated with her hypertrophy, Coco has systolic anterior motion (SAM) of her mitral valve leaflets, which is creating dynamic obstruction to flow in her left ventricular outflow tract. The hemodynamic effects of these abnormalities appear to be mild at present, as Coco does not have secondary dilation of her left atrium, indicating that her current risk for the development of congestive heart failure and/or thromboembolic disease appears to be low.

DSH

SEX

FS

I recommend starting Coco on atenolol (6.25 mg BID), as this medication should help to reduce the severity of or resolve her SAM.

AGE

A recheck echocardiogram is recommended in 6-9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

2 y

WEIGHT

10.1 lb

HOSPITAL NAME

North Jersey AH

REFERRING VET

Dr. Riedel



DATE

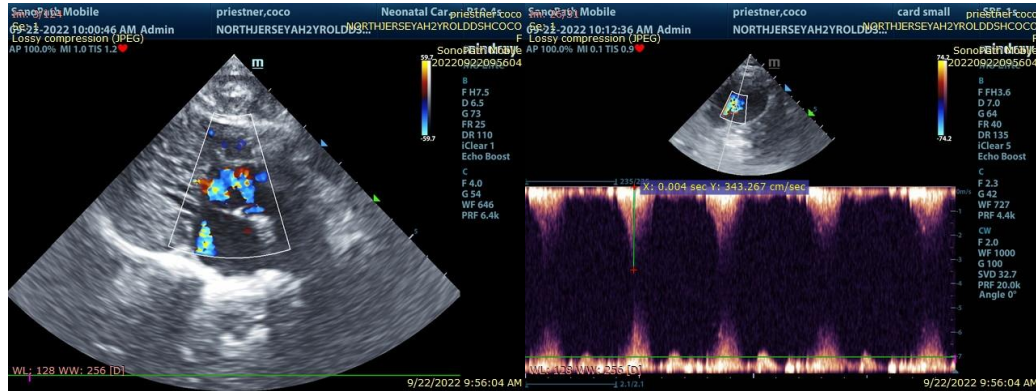
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PATIENT

Coco Priestner

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.

SPECIES

Feline

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

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DSH

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AGE

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