



PRESENTING CLINICAL SIGNS

History: Grade III/VI murmur. Asymptomatic. Pre-anesthetic evaluation.

DATE

11/7/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, Doppler study.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No pericardial effusion or cardiac masses are seen.

LA - 27.3 mm
LVIDd - 27.4 mm
LVIDs - 14.1 mm
FS - 48.5%
RA - 20.8 mm
LVOT - 1.62 m/s
RVOT - 1170 m/s

PATIENT

Shakira Tavera

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Bichon Frise

This examination demonstrates regurgitation of blood across Shakira's mitral and tricuspid valves resulting from degenerative valve disease. Shakira's tricuspid valve disease is mild, and appears to be well-compensated. Her mitral valve disease is a bit more advanced, as Shakira has mild to moderate mitral regurgitation present, with mild dilation of both her left atrium and left ventricle, though her left ventricular systolic is well-preserved. As only mild left heart chamber dilation is present, Shakira's mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to her disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low.

SEX

FS

Shakira's cardiovascular risk for general anesthesia is mildly increased based on this exam, therefore, some precautions should be taken in order to minimize this risk. I recommend avoiding the use of alpha-2 agonists, ketamine, and telazol in the anesthetic protocol, as well as reducing the IV fluid rate by 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

AGE

12 y

I recommend starting Shakira on pimobendan (2.5 mg am, 1.25 mg pm), as this medication should help to slow the progression of her mitral valve disease, as well as decrease her risk for general anesthesia.

WEIGHT

14 lb

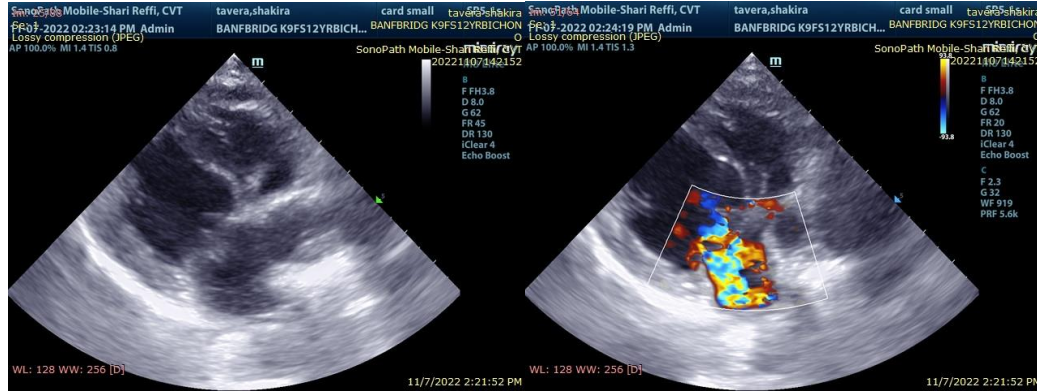
A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Shakira experiences respiratory clinical signs.

HOSPITAL NAME

Banfield Bridgewater

REFERRING VET

Dr. Baker



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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.

SEX

FS

AGE

12 y

WEIGHT

14 lb

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Dr. Baker

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