


PRESENTING CLINICAL SIGNS

DATE History: Recheck degenerative valve disease and PH. No current cardiac medications. Pre-anesthetic evaluation (inguinal hernia repair).

8/14/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 12/22/22.

PERFORMED BY:

Sara Hansen

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened and exhibit mild systolic prolapse. A mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. 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 to moderate jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Mushu Dappletini
Scofield

LA – 22.2 mm (prev. 22.5 mm)
LVIDd – 22.0 mm (prev. 22.4 mm)
LVIDs – 13.0 mm (prev. 13.1 mm)
FS – 40.9% (prev. 41.5%)
RA – 14.8 mm (prev. 13.3 mm)
LVOT – 0.94 m/s (prev. 1.00 m/s)
RVOT – 0.50 m/s (prev. 0.60 m/s)
TR – 2.43 m/s (prev. 3.28 m/s)

SPECIES

Canine

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 80 bpm

Rhythm: Sinus arrhythmia

BREED

Chihuahua Mix

Sinus arrhythmia is present throughout this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

RADIOGRAPHIC FINDINGS
SEX

Three-view thoracic radiographs are submitted for review.

FS

There is mild left atrial and left ventricular enlargement. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. The trachea is normal. A microchip is visible. The remainder of the thorax is unremarkable.

AGE

12 y

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease
Pulmonary hypertension

WEIGHT

8.84 lb

Mushu's echocardiogram demonstrates no progression of her valvular diseases over the past 8 months. As such, her diseases still appear to be well-compensated, and Mushu's current risk for the development of clinical signs secondary to them still appears to be low.

HOSPITAL NAME

No evidence of pulmonary hypertension is seen in today's exam.

VCA McKenzie AH

No abnormalities are appreciated in Mushu's ECG.

REFERRING VET

Dr. Fricke

Mushu's radiographs show mild enlargement of her left heart chambers, which is likely artifactual given the absence of left heart chamber dilation in her echocardiogram.



DATE No therapy is recommended at this stage of Mushu's valvular diseases.

8/14/23 Mushu'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 in the anesthetic protocol, pre-oxygenating Mushu for a few minutes prior to induction, and reducing the IV fluid rate by 25%. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

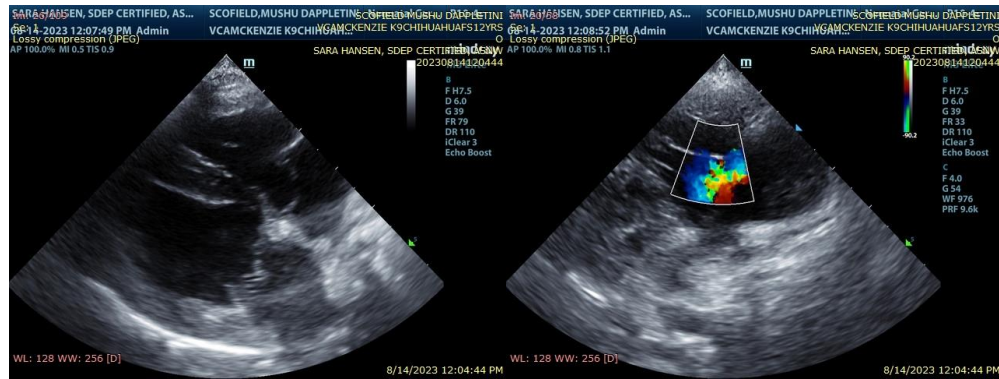
PERFORMED BY:

Sara Hansen

A recheck echocardiogram is recommended in 6-9 months to monitor for disease progression.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



PATIENT

Mushu Dapletini
Scofield

SPECIES

Canine

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.

BREED

Chihuahua Mix

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

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

AGE

12 y

WEIGHT

8.84 lb

HOSPITAL NAME

VCA McKenzie AH

REFERRING VET

Dr. Fricke