



**PRESENTING CLINICAL SIGNS**

History: Previous echo in June showed stage B1 degenerative valve disease. Dyspnea at home, even when at rest. No medications.

DATE

12/29/21

**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. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Snookie Zurikyan

LA - 23.5 mm  
LVIDd - 22.2 mm  
LVIDs - 9.4 mm  
FS - 57.6%  
RA - 15.5 mm  
LVOT - 1.64 m/s  
RVOT - 0.77 m/s

SPECIES

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral valve disease

BREED

Pomeranian

This examination again demonstrates regurgitation of blood across Snookie's mitral valve, with no secondary dilation of either of his left heart chambers. Given the absence of chamber dilation, it appears unlikely that Snookie's mitral valve disease is the cause of his dyspnea, however, thoracic radiographs are recommended for further evaluation.

The previously noted right heart enlargement/hypertrophy is not present in today's exam.

SEX

MN

No cardiac therapy appears to be warranted based on Snookie's echocardiogram, however, a trial with a diuretic could potentially be indicated based on the results of the recommended radiographs.

AGE

12 y

A recheck echocardiogram is recommended in 6 months.

WEIGHT

8.8 lb



HOSPITAL NAME

Englewood VC

REFERRING VET

Dr. Ezik



**DATE**

12/29/21

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.

**PERFORMED BY:**

Kelly Vazquez

**Keith Blass, DVM, MS, DACVIM (Cardiology)**

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Keith Blass, DVM,  
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**PATIENT**

Snookie Zurikyan

**SPECIES**

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**BREED**

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