



**RESENTING CLINICAL SIGNS**

**DATE** History: Murmur. Intermittently increased respiratory rate. Hypothyroid.

**8/17/21 ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study. This exam is compared to the one performed 1/26/21.

**PERFORMED BY:** Left atrial size is normal. The mitral valve appears normal. Left ventricular dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. 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.

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

LA - 23.0 mm  
LVIDd - 23.6 mm  
LVIDs - 13.0 mm  
FS - 44.9%

**PATIENT**

Nick Turner

RA - 15.7 mm  
LVOT - 1.68 m/s  
RVOT - 1.20 m/s

**ASSESSMENT/RECOMMENDATIONS**

**SPECIES**

Canine

Normal echocardiogram

This examination demonstrates no evidence of structural heart disease. Nick's murmur appears to be due to the presence of mildly increased flow velocity in his aorta, which is a common reason for a functional/innocent murmur to develop in dogs. As such, no reason for Nick's intermittently elevated respiratory rate is appreciated in the image set.

**BREED**

Min. Pinscher

Thoracic radiographs may be warranted to further evaluate Nick's elevated respiratory rate.

No therapy is recommended based on this exam.

**SEX**

A recheck echocardiogram is recommended if the characteristics of Nick's murmur change, or if other new physical exam and/or clinical abnormalities compatible with cardiac dysfunction develop.

**MN**

**AGE**

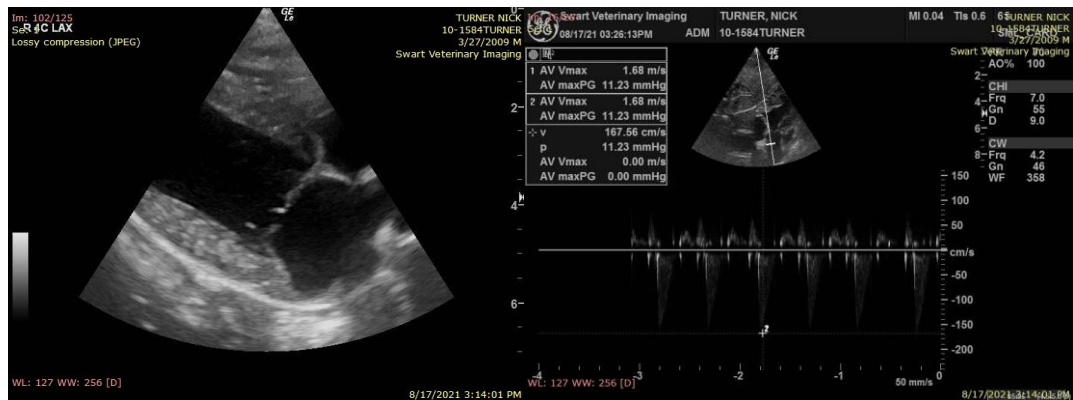
12 y

**WEIGHT**

9.8 lb

**HOSPITAL NAME**

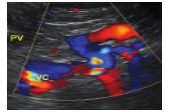
Swart Veterinary  
Imaging



**REFERRING VET**

Dr. Swart

The information and recommendations provided are based on the images presented by the



**DATE** referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

8/17/21 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:** Keith Blass, DVM, MS, DACVIM (Cardiology)  
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Dr. Meredith Swart 631-804-5754

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Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**

Nick Turner

**SPECIES**

Canine

**BREED**

Min. Pinscher

**SEX**

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