



**RESENTING CLINICAL SIGNS**

**DATE** History: Chronic cough that is getting worse. Crackles heard last week, no murmur. Started on furosemide 12.5 mg TID, pimobendan 1.25 mg BID, and benazepril 2.5 mg BID. No improvement in cough since starting medications.  
4/4/22

**ECHOCARDIOGRAPHIC FINDINGS**

**PERFORMED BY:** 2D, M-mode, and Doppler study.  
Dr. Meredith Swart  
**INTERPRETED BY** Left atrial size is normal. The mitral valve is normal. 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 is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

LA - 22.2 mm  
LVIDd - 19.8 mm  
LVIDs - 10.6 mm  
FS - 46.5%  
LVOT - 0.98 m/s  
RVOT - 0.86 m/s

**PATIENT**

Ollie Van Etta

**ASSESSMENT/RECOMMENDATIONS**

**SPECIES** Normal echocardiogram

**Canine** This examination demonstrates no evidence of structural heart disease. As such, no reason for Ollie's cough is appreciated in the image set, and the presence of pulmonary crackles in the absence of cardiac disease suggests that lower airway disease may be present.

**BREED**

**Chihuahua Mix** Thoracic radiographs are recommended to further evaluate Ollie's cough.  
No cardiac therapy is recommended based on this exam.

**SEX** A recheck echocardiogram is recommended if new physical exam and/or clinical abnormalities suggestive of cardiac dysfunction develop.

**MN**

**AGE**

14 y

**WEIGHT**

12.3 lb

**HOSPITAL NAME**

Swart Veterinary  
Imaging



**REFERRING VET**

Dr. Swart



**DATE** 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.  
4/4/22

**PERFORMED BY:** 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.

Dr. Meredith Swart  
**INTERPRETED BY** Keith Blass, DVM, MS, DACVIM (Cardiology)  
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631-804-5754

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**

Ollie Van Etta

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

MN

**AGE**

14 y

**WEIGHT**

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