


**PRESENTING CLINICAL SIGNS**

History: Grade 3/6 murmur.

**DATE**

1/6/23

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Kelly Vazquez

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and 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 is 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 - 42.9 mm  
 LVIDd - 45.4 mm  
 LVIDs - 33.5 mm  
 FS - 26.2%  
 RA - 35.0 mm  
 LVOT - 1.40 m/s  
 RVOT - 1.04 m/s

**PATIENT**

Ringo Hansen

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral valve disease

**SPECIES**

Canine

This examination demonstrates mild regurgitation of blood across Ringo's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Ringo does not have secondary dilation of either of his left heart chambers. As such, Ringo's mitral valve disease appears to be well-compensated, and his current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be low.

**BREED**

Pit Bull Terrier

No therapy is recommended at this stage of disease.

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

**SEX**

MN

**AGE**

8 y

**WEIGHT**

82 lb


**HOSPITAL NAME**

The Venturing Vet

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.

**REFERRING VET**

Dr. Herzog

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.

**DATE**

1/6/23

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

KeithBlass@gmail.com

631-804-5754

**PERFORMED BY:**

Kelly Vazquez

**INTERPRETED BY**

Keith Blass, DVM,

MS, DACVIM

(Cardiology)

**PATIENT**

Ringo Hansen

**SPECIES**

Canine

**BREED**

Pit Bull Terrier

**SEX**

MN

**AGE**

8 y

**WEIGHT**

82 lb

**HOSPITAL NAME**

The Venturing Vet

**REFERRING VET**

Dr. Herzog