



**DATE** PRESENTING CLINICAL SIGNS

12/16/21

History: Grade 4-5/6 murmur. Radiographs shows cardiomegaly.

**ECHOCARDIOGRAPHIC FINDINGS**

**PERFORMED BY:**

2D, M-mode, and Doppler study.

Potomac Mobile  
Veterinary  
Ultrasound

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic appear normal, though there is mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild 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 heartworms are visualized. No pericardial effusion or cardiac masses are seen.

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

LA - 38.6 mm  
LVIDd - 33.5 mm  
LVIDs - 21.4 mm  
FS - 36%  
RA - 26.5 mm  
LVOT - 2.23 m/s  
RVOT - 1.03 m/s  
TR - 2.32 m/s

**PATIENT**

Konrad Orjada

**SPECIES**

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral and tricuspid valve disease

**BREED**

Min. Schnauzer

This examination demonstrates regurgitation of blood across Konrad's mitral and tricuspid valves resulting from degenerative valve disease. Konrad's tricuspid valve disease is mild, and is well-compensated at this time. His mitral valve disease is more advanced, as Konrad has moderate mitral regurgitation present, with mild to moderate secondary dilation of his left atrium and mild dilation of his left ventricle. Konrad's mitral valve disease is still compensated, however, careful monitoring for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, is recommended.

**SEX**

MN

I recommend starting Konrad on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of his mitral valve disease.

**AGE**

10 y

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Konrad experiences respiratory clinical signs.

**WEIGHT**

29.2 lb

**HOSPITAL NAME**

Hoof and Paw VH

**REFERRING VET**

Dr. Jarrett



DATE

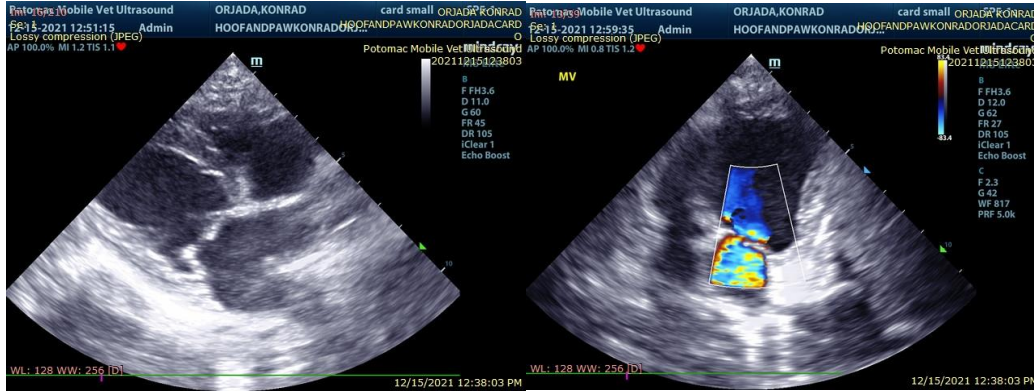
12/16/21

PERFORMED BY:

Potomac Mobile  
Veterinary  
Ultrasound

INTERPRETED BY

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)



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.

PATIENT

Konrad Orjada

Keith Blass, DVM, MS, DACVIM (Cardiology)  
KeithBlass@gmail.com  
631-804-5754

SPECIES

Canine

BREED

Min. Schnauzer

SEX

MN

AGE

10 y

WEIGHT

29.2 lb

HOSPITAL NAME

Hoof and Paw VH

REFERRING VET

Dr. Jarrett