



PRESENTING CLINICAL SIGNS

History: Grade 5/6 left-sided and 2/6 right-sided murmurs. History of seizures being treated with phenobarbital. ECG revealed a possible ventricular arrhythmia.

DATE

8/5/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Tasha

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size appears normal. The mitral valve leaflets are mildly thickened, and 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. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and there is Doppler evidence of tricuspid regurgitation present. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LVIDd - 26.5 mm
LVIDs - 14.4 mm
FS - 45.7%

PATIENT

Jaxson Wise

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

SPECIES

Canine

This examination demonstrates regurgitation of blood across Jaxson's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of each of the regurgitations appear to be mild, as Jaxson does not have secondary dilation of any of his cardiac chambers. As such, Jaxson's valvular diseases appear to be well-compensated, and his current risk for the development of clinical signs secondary to them appear to be low.

BREED

Schnauzer

Review of Jaxson's ECG by a cardiologist may be warranted to determine whether antiarrhythmic therapy is warranted.

No therapy is recommended at this stage of Jaxson's valvular diseases.

SEX

A recheck echocardiogram is recommended in ~6 months.

MN

AGE

11 y

WEIGHT

11 lb



HOSPITAL NAME

Dillsburg VC

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. Jacobs

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

8/5/22

Keith Blass, DVM, MS, DACVIM (Cardiology)

KeithBlass@gmail.com

631-804-5754

PERFORMED BY:

Tasha

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Jaxson Wise

SPECIES

Canine

BREED

Schnauzer

SEX

MN

AGE

11 y

WEIGHT

11 lb

HOSPITAL NAME

Dillsburg VC

REFERRING VET

Dr. Jacobs