



PATIENT

Angus Lienesch

SPECIES

Canine

BREED

Great Pyrenees Mix

SEX

MN

AGE

12 y

WEIGHT

89.7 lb

PRESENTING CLINICAL SIGNS

New grade 3/6 murmur. Increased panting, occasional cough. SRR WNL.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular internal 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 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 shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 47.0 mm
LVIDd - 45.7 mm
LVIDs - 30.8 mm
FS - 32.6%
RA - 30.2 mm
LVOT - 1.70 m/s
RVOT - 1.02 m/s
TR - 2.02 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

HR: 100 bpm
Rhythm: Sinus with VPCs

IMAGING PERFORMED BY

Jessica Bailes

The underlying rhythm is sinus in origin. All sinus complex amplitudes and intervals are within normal limits. Occasional VPCs are present. No atrial ectopy or conduction blocks are seen.

HOSPITAL NAME

All Creatures Great &
Small VC - Corvallis

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease - stage B1
Ventricular premature complexes (VPCs)

REFERRING VET

Dr. Vaughn

This examination demonstrates mild regurgitation of blood across Angus's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of the regurgitations also appear to be mild at present, as Angus does not have secondary dilation of any of his cardiac chambers, and his ventricular systolic function is normal. As such, no reason for Angus's panting or cough is appreciated in the image set.

INVOICE

Angus's ECG demonstrates a handful of VPCs. Mild ventricular arrhythmias are well-tolerated in dogs, though careful monitoring for progression is recommended.

DATE

4/16/26

No therapy is recommended at this stage of Angus's valvular diseases. No therapy is recommended for his arrhythmia at this time, though avoidance of high intensity activity is warranted.

A recheck echocardiogram and ECG are recommended in 6 months.



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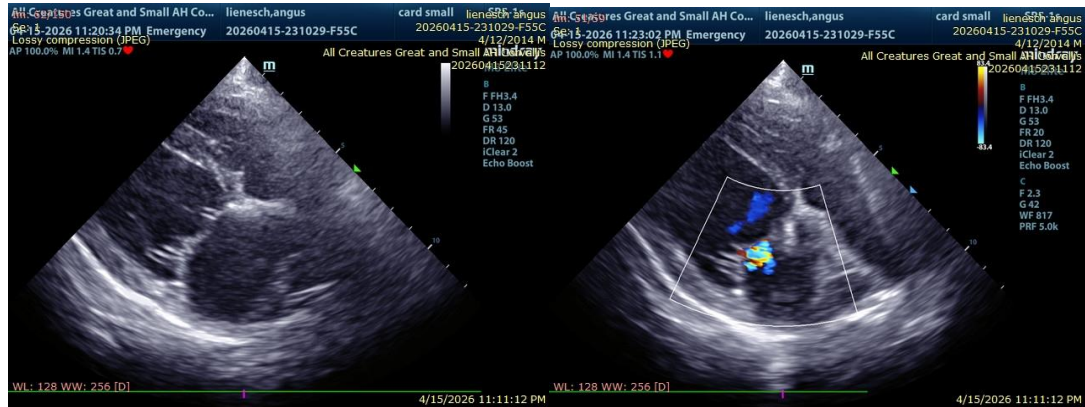
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Dr. Vaughn

INVOICE

DATE

4/16/26



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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