



PATIENT

Dude Jackson

SPECIES

Canine

BREED

Great Dane X

SEX

Neutered male

AGE

3 Years

WEIGHT

153 Pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Banfield Salem

REFERRING VET

Dr. Alger

INVOICE

37580

DATE

6/17/26

PRESENTING CLINICAL SIGNS

History: ECG- NSR, WNL. BP- Cardell, cuff 6 right cephalic w/patient in standing- Average: 117/72 (87)
Thoracic Radiographs w/Routine Consultation- Accession Number: 5393.15101190. ABNORMAL
Labwork Values: Cardio ProBNP: 1633 (0-900). For ECHO Only: Blood PressureBP- Cardell, cuff 6 right :
cephalic w/patient in standing- Average: 117/72 (87). HR/RR/BP: HR:100, RR: 60/panting. Is there a
Heart Murmur? If so, please grade: No. Current Medications: Simparica and proheart.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	1.18	1.13	31.22	--	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	--	2.0	1.07	69.54	4.4	5.67	3.9

RAD: 5.27

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular systolic and diastolic function is within normal limits. The right atrium is mildly enlarged without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on today's evaluation. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Mildly enlarged right atrium

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause for the patient's mildly enlarged right atrium is unknown based upon the images



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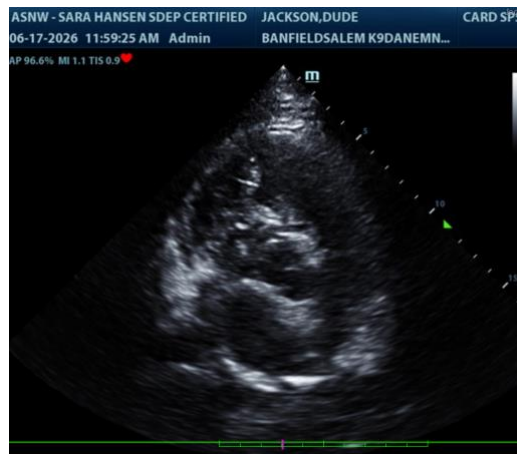
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provided. The rest of the echo is within normal limits. There's no evidence of dilated cardiomyopathy affecting the left ventricle. The reported blood pressures were done with the patient in standing and would recommend either doing a tail in the patient in sternal recumbency or having the patient in lateral recumbency to ensure the blood pressures are truly normal. Recommend following ACVIM guidelines for obtaining blood pressure assessments. No cardiac medications are indicated at this time. Due to the patient's signalment, a recheck echo is recommended in 6 to 12 months and then a Holter monitor every year is also recommended once the patient is 4 - 5 years of age, sooner if an arrhythmia is detected during an examination.



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.

Sara Brethel DVM, DACVIM (Cardiology)

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