



PATIENT PRESENTING CLINICAL SIGNS

Ozzie Crowley Newly ausculted left sided heart murmur, noted on annual exam 11/27/21. Thoracic radiographs showed mild enlargement of the cardiac silhouette (VHS = 10.9v reference range 8.7-10.7v). No clinical signs of heart disease

SPECIES Abnormal PE/Chem/CBC/UA Results: heart murmur as noted above, NAF otherwise

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

Goldendoodle

SEX

Male

AGE

2 Years 2 Months

WEIGHT

54.5 Pounds

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT			1.3		30		0.4
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	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		2.2	1.5		3.08	3.5	

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sarah Green

HOSPITAL NAME

Healing Spirit

REFERRING VET

Dr. Sarah Green

INVOICE

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Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Trivial turbulence of the **mitral valve** noted. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. Minor turbulence noted at the **aortic valve**. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinesis. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. The cranial **mediastinum** and **pericardial and extra-cardiac regions** were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Aortic and mitral valve turbulence

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further spectral doppler assessment of the aortic outflow recommended to assess for subaortic stenosis. The remainder of the heart appears normal with no secondary changes present. Suspect minor form of subaortic stenosis and trivial mitral insufficiency. However, CW assessment of the aortic outflow indicated to confirm.



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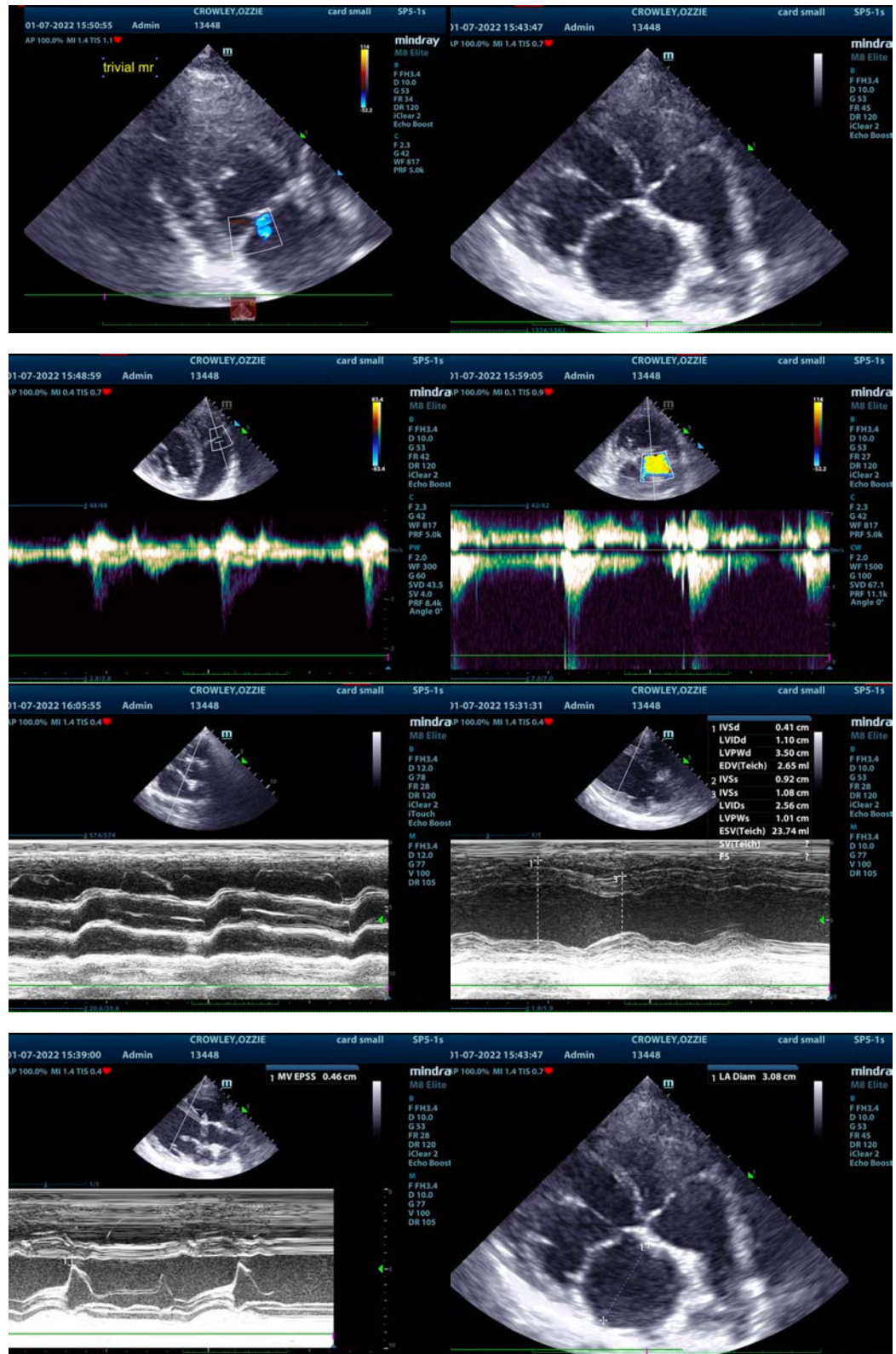
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PATIENT

Ozzie Crowley

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.

SPECIES

Canine

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.

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Goldendoodle

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info@SonoPath.com

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