



PATIENT

Abby Rodell

SPECIES

Canine

PRESENTING CLINICAL SIGNS

Healthy dog with no clinical signs of heart disease, Came in today for moist dermatitis. Abnormal PE/Chem/CBC/UA Results: PE: SYSTOLIC MURMUR II/VI. Everything else looked good. NO RESENT LAB WORK.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED

Wirehaired Pointing Griffon

SEX

Spayed Femae

AGE

10 Years 3 Months

WEIGHT

44.8

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	5.16	2.9	1.28	1.37	49	81	0.2
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	0.94		3.3	4.28	

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Leon Anderson

HOSPITAL NAME

Elizabeth AH

REFERRING VET

Dr. Leon Anderson

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated measurable insufficiency. 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. The **left ventricular outflow** tract velocity was slightly elevated. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** insufficiency noted, mild. **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** 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. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum** and **pericardial** regions were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Compensated mitral insufficiency, no left atrial enlargement (Stage B1 valvular disease)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recheck echo in 6 months, earlier if murmur grade increases. Blood pressure measurements indicated.

INVOICE

25401

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9/14/21



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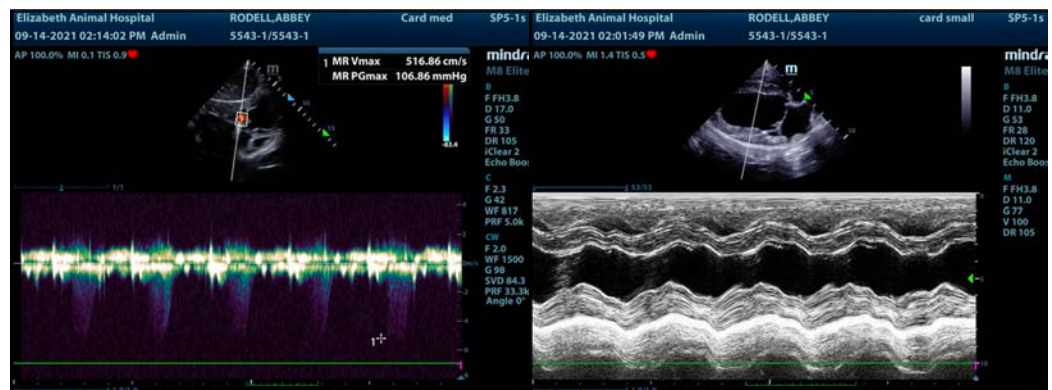
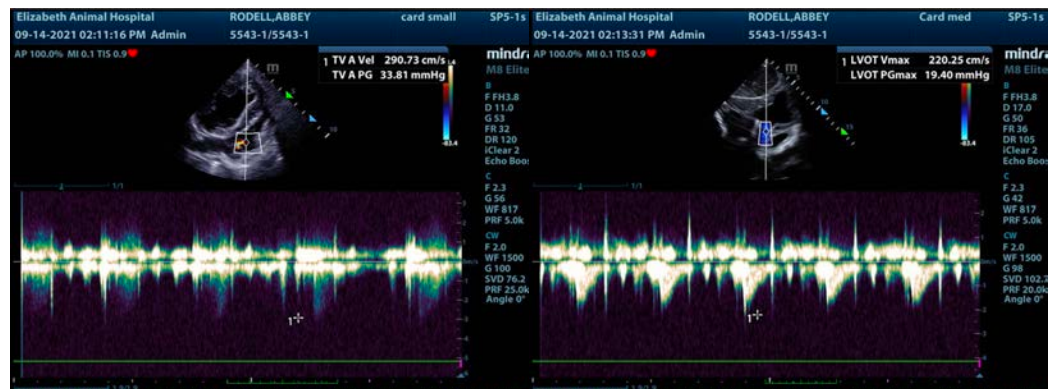
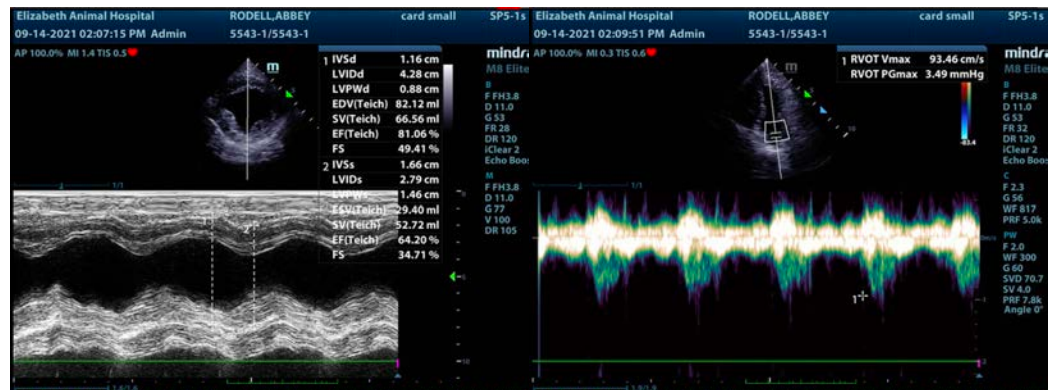
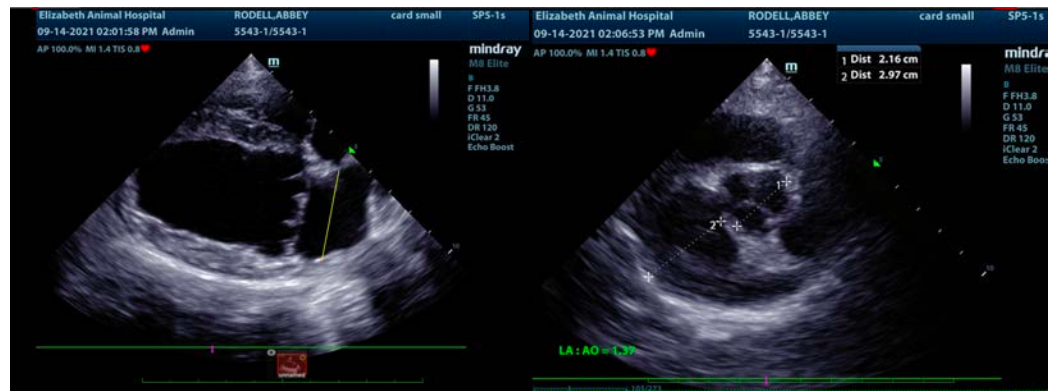
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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