



PATIENT PRESENTING CLINICAL SIGNS

Ricky Bobby Daley

Recheck Echocardiogram. 2/21/2019: Trivial Mitral Valve Thickening. Mildly increased left ventricular outflow velocity, idiopathic. NO issue noted at home.
 Abnormal PE/Chem/CBC/UA Results: PE: Chronic foot irritation, Grade I/VI cardiac murmur- left heart base. Lenticular sclerosis normal for age. Right upper eyelid skin tag. No Recent Labs. Sending today.

SPECIES

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Bull Terrier

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Mild to moderate **mitral** valve insufficiency was noted. **Left ventricular** internal volume is largely normal. However, **contractility** is slightly subnormal. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. 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. Contractility is slightly subnormal in this patient.

SEX

Neutered male

AGE

8 years

WEIGHT

51 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Anderson

HOSPITAL NAME

Elizabeth AH

REFERRING VET

Dr. Anderson

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	5.05		1.3	1.46	26	51	0.8
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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		2.3	0.88	51 lbs	3.8	4.71	

ULTRASONOGRAPHIC FINDINGS

Moderate mitral insufficiency, compensated at this time.

Persistent stage B1 valvular disease with slight left ventricular hypocontractility.

INVOICE

95577

DATE

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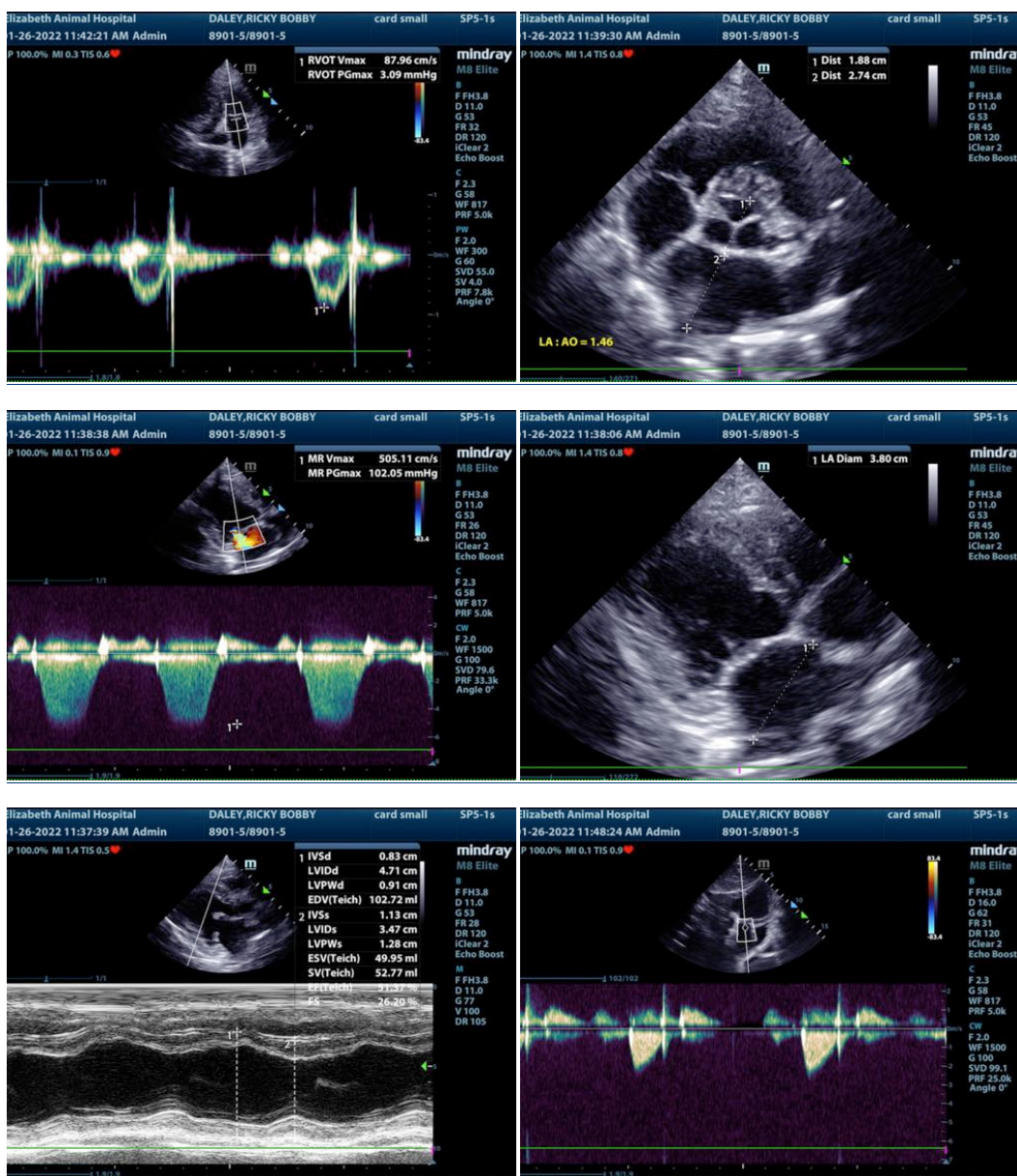
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no progression from the prior echocardiogram. Some aspects of possible early emerging DCM are noted. However, this is compensated at this time. I do not recommend any specific therapy. A recheck is recommended in 6 months or earlier if murmur grade increases. Blood pressure measurements are recommended if not already performed.





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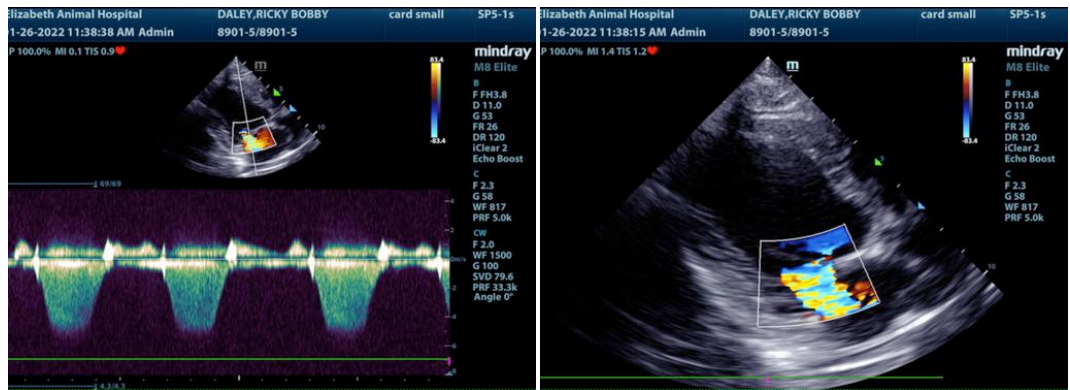
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com