

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Lexi Key
SPECIES Canine
Heart murmur (chronic); occ cough, but more so with tracheal pressure; echo performed due to cardiomegaly on radiograph and concern for right auricular bulge; performed prior to grade 2 dental COHAT
Abnormal PE/Chem/CBC/UA Results: HR/RR - 100/32 No BP
Chest radiographs are unremarkable with prominent right heart on VD approach, but no evidence of vascular congestion or cardiomegaly.

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED Welsh Terrier
SEX Spayed Female
AGE 8 yrs
WEIGHT 20.4 lbs
The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Trivial turbulence was noted at the **mitral** valve. Centralized minor jet was 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 **aortic insufficiency** was noted. 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.

INTERPRETED BY

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

IMAGING PERFORMED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Sun Dog Cat Moon

REFERRING VET

Dr. Pruitt

INVOICE

99260

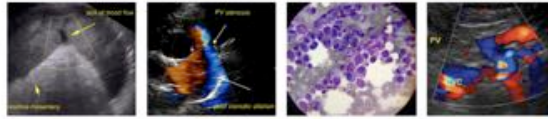
DATE

4/13/22

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	<1.3	28-40	40-100	<0.6
PATIENT	-	-	1.1		35		0.1
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		1.9	0.9	20.4 lbs	2.9	2.64	

ULTRASONOGRAPHIC FINDINGS

Trivial mitral insufficiency, slight aortic insufficiency. Not clinically significant.



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Welsh Terrier

SEX

Spayed Female

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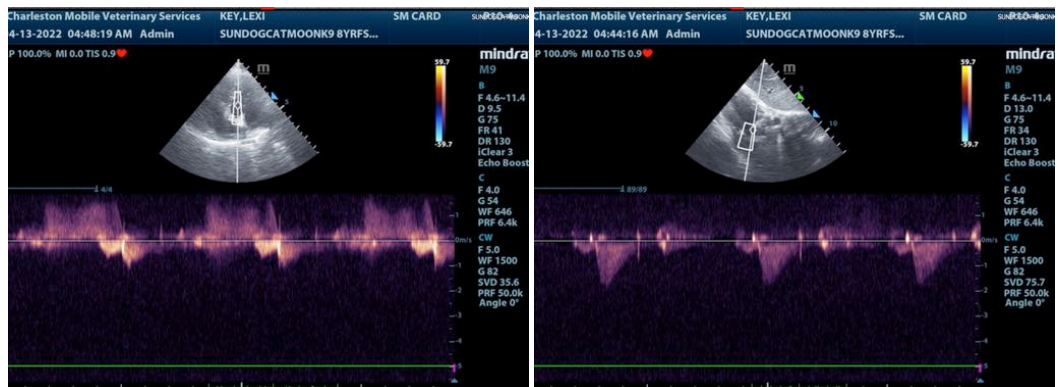
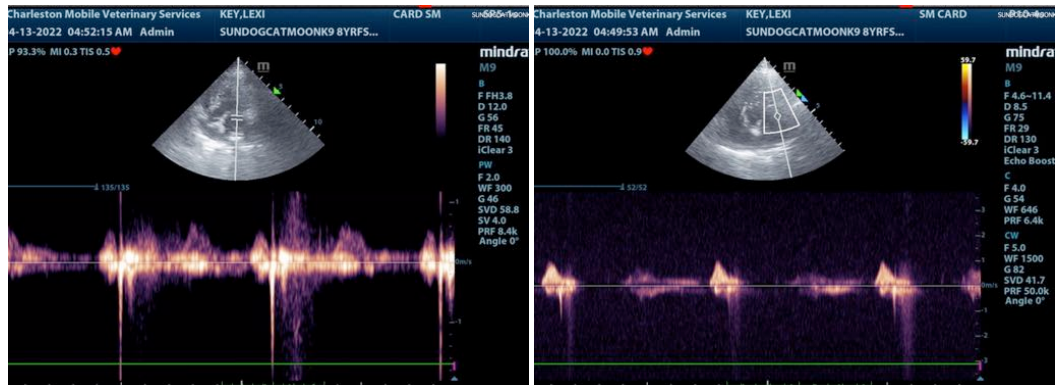
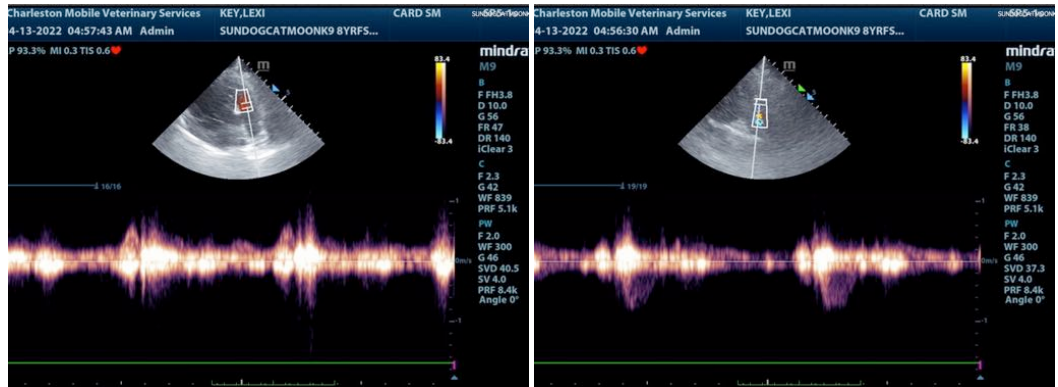
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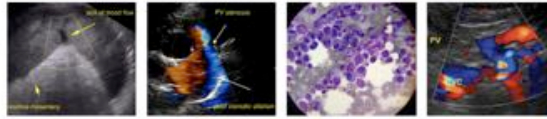
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cough is non-cardiogenic in this patient. No cardiac medications are recommended. Primary respiratory protocol is indicated.





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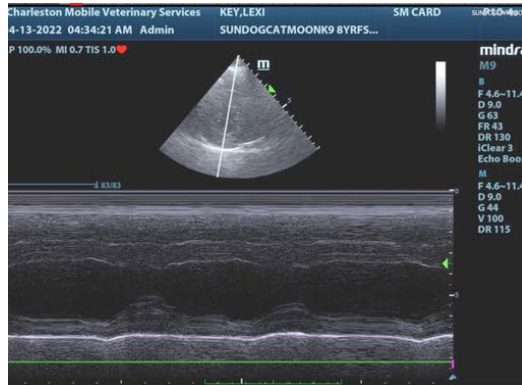
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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