
PATIENT PRESENTING CLINICAL SIGNS

Dog 57514 History: Patient first examined in shelter on 8/30; heart murmur appreciated then. No known history. No exercise intolerance or other clinical signs noted. Meds: doxycycline 150 mg twice daily for infectious respiratory disease

SPECIES HR/RR/BP - 115/25/NA Grade 2/6, PMI at heart base, mostly left sided/sternal

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Larg Mix Breed The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. The cranial and caudal **mitral** valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. The **left ventricle** presented normal 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 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. Trivial **pulmonic** insufficiency was noted and not clinically significant. 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.

SEX Neutered male

AGE 2 yrs

WEIGHT 60 lbs

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

Charleston Animal
 Society

REFERRING VET

Dr. Fuller

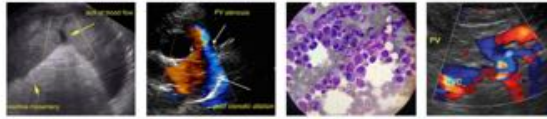
INVOICE

32876

DATE

9/13/22

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	<1.6	28-40	40-100	<0.6
PATIENT	-	-	1.1	1.1	30	70	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	BELOW	BELOW	BELOW	BELOW
PATIENT		1.4	1.0	60 lbs		4.3	



PATIENT ULTRASONOGRAPHIC FINDINGS

Dog 57514 Trivial pulmonic insufficiency, not clinically significant.

SPECIES Otherwise, normal cardiac structure and function.

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED The murmur was not evident and likely an idiopathic flow murmur. There is no evidence of congenital disease present. No contraindication to anesthetic procedure if necessary.

Larg Mix Breed

SEX

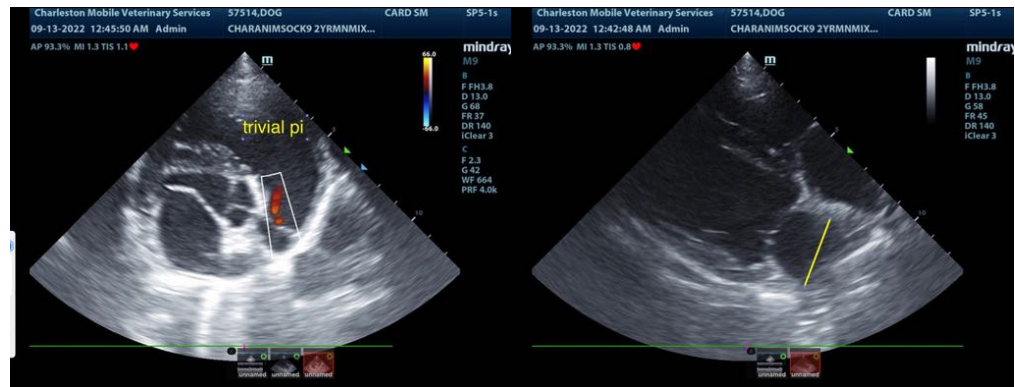
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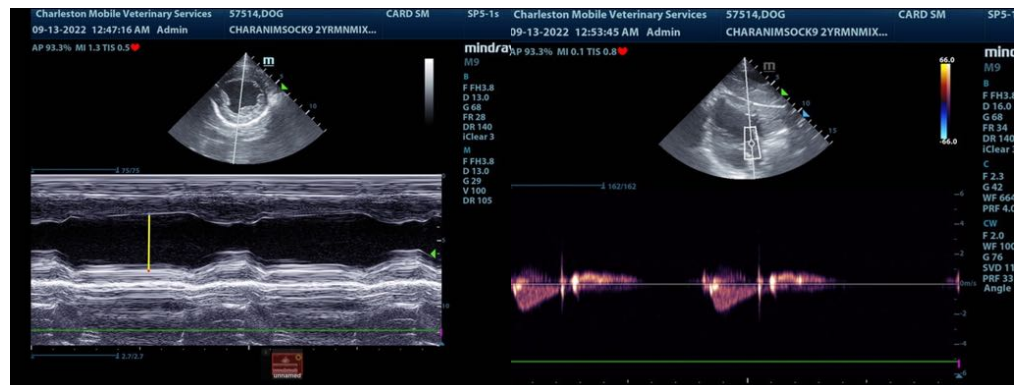
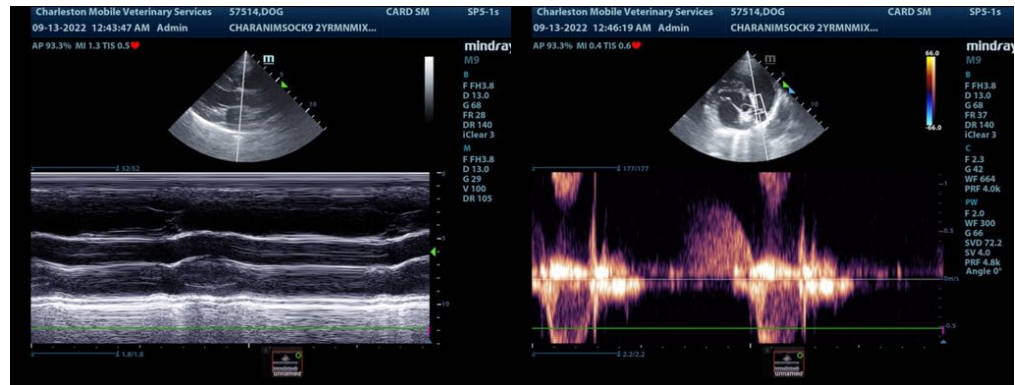
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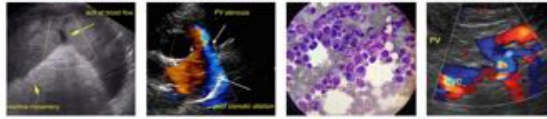
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PATIENT

Dog 57514

SPECIES

Canine

BREED

Larg Mix Breed

SEX

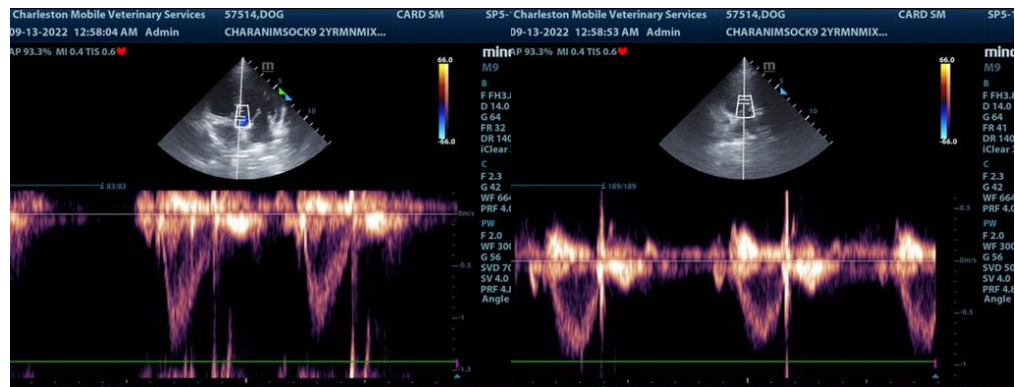
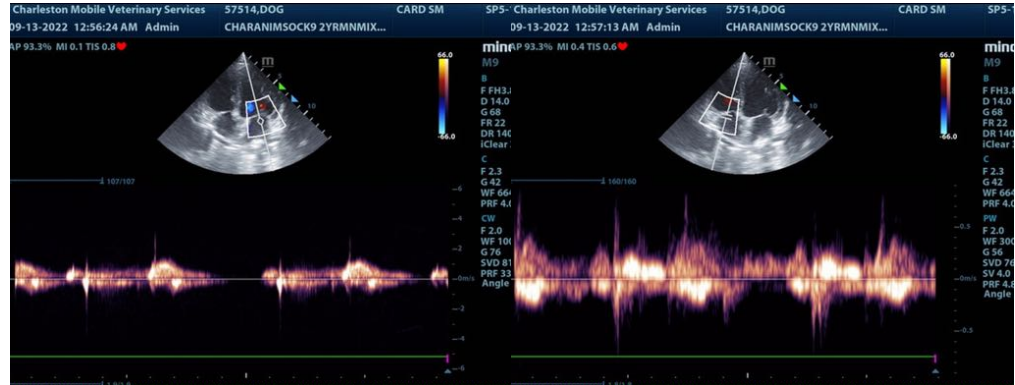
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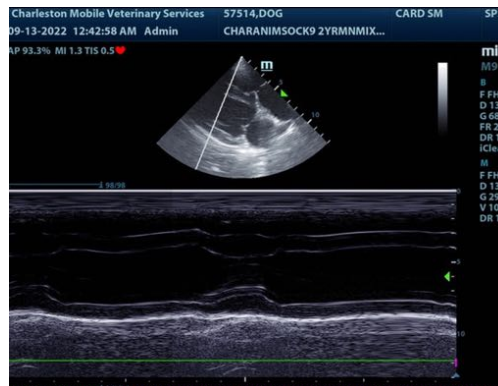
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

Info@SonoPath.com