
PATIENT PRESENTING CLINICAL SIGNS

Dog 57822 History: Presented to shelter on 9/7 as an owner surrender. Unknown medical history. PE: Abnormals: left Grade 3/6 systolic heart murmur, muffled heart sounds on right. BCS 7/9 small round gingival mass adjacent to last premolar on upper left skin tag mid ventral abdomen atrophy in hind legs with decreased ROM in coxofemoral joints and crepitus in right stifle. - suspect arthritis. grade 3/6 murmur gabapentin 300 mg twice daily

SPECIES Canine

BREED Abnormal PE/Chem/CBC/UA Results: no labwork or BP performed yet HR/BP - 116/40 (shallow/panting)

Staffordshire Terrier

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
SEX

Spayed female

AGE

8 yrs

WEIGHT

73 lbs

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The **mitral** valve revealed trivial turbulence. 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 or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology. The **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.

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 AS

REFERRING VET

Dr. Fuller

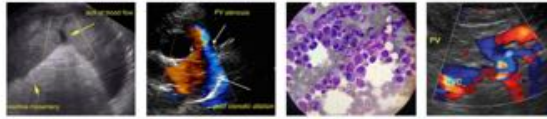
INVOICE

57822

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	-	-	1.15	1.4	30	80	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	-	2.0	1.1	73 lbs	3.7 max	3.4	



PATIENT **ULTRASONOGRAPHIC FINDINGS**

Dog 57822 Trivial mitral turbulence, not clinically significant.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of cardiac disease.

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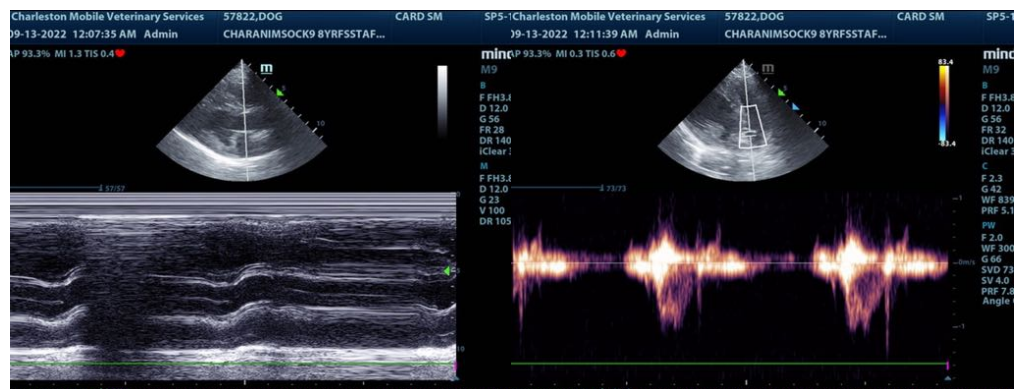
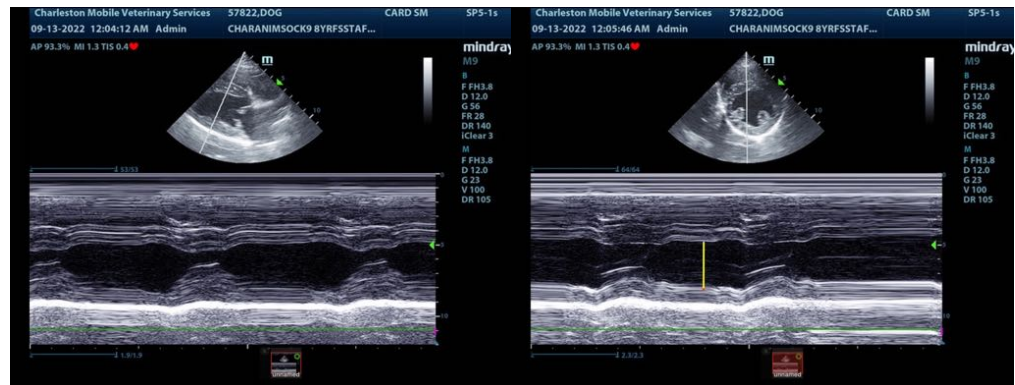
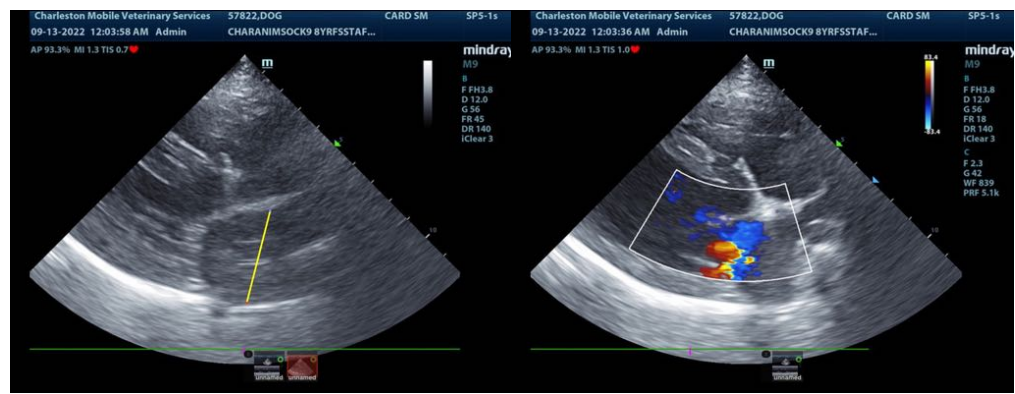
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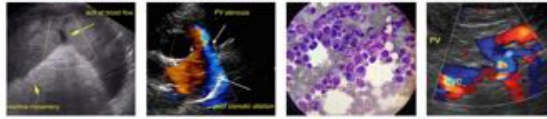
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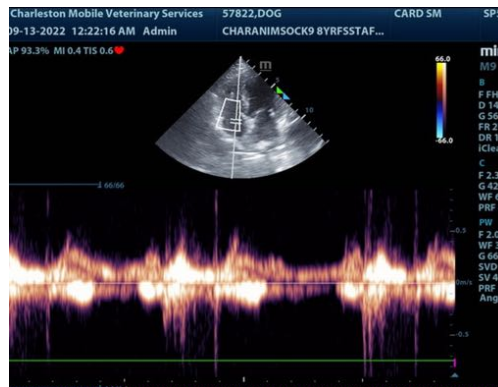
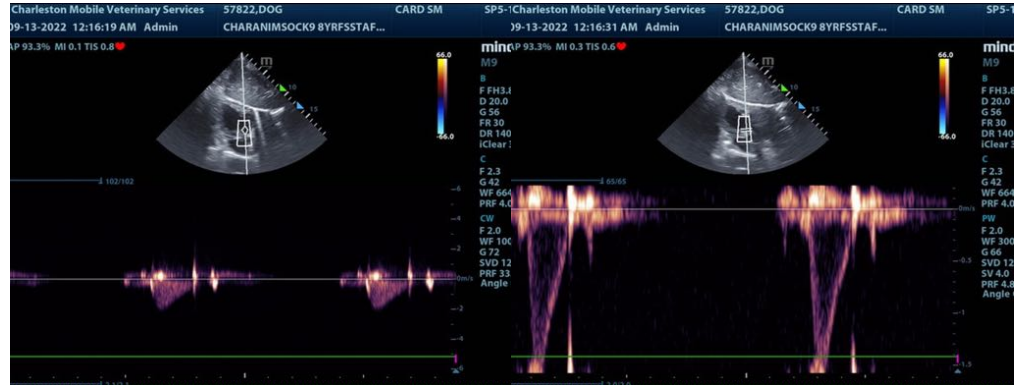
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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