



**PATIENT PRESENTING CLINICAL SIGNS**

Cooper Dante History: Cough  
Abnormal PE/Chem/CBC/UA Results: WNL

**SPECIES BREED SEX AGE WEIGHT**  
**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

Canine  
Beagle  
Neutered male  
10 ½ years  
26 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, yet not clinically significant. 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. **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

**IMAGING PERFORMED BY**

Jessica Miller, RDMS

**HOSPITAL NAME**

Companion AH  
Parsippany

**REFERRING VET**

Dr. Tsai

**INVOICE**

42208

**DATE**

12/19/22

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	1.03	54	86	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	156	1.04	1.4	26 lbs	3.2	2.78	

**ULTRASONOGRAPHIC FINDINGS**

Essentially normal echocardiogram. Trivial turbulence noted at the mitral valve, yet not clinically significant.



**PATIENT**

Cooper Dante

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cough is non-cardiogenic in this patient.

**SPECIES**

Canine

**BREED**

Beagle

**SEX**

Neutered male

**AGE**

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**WEIGHT**

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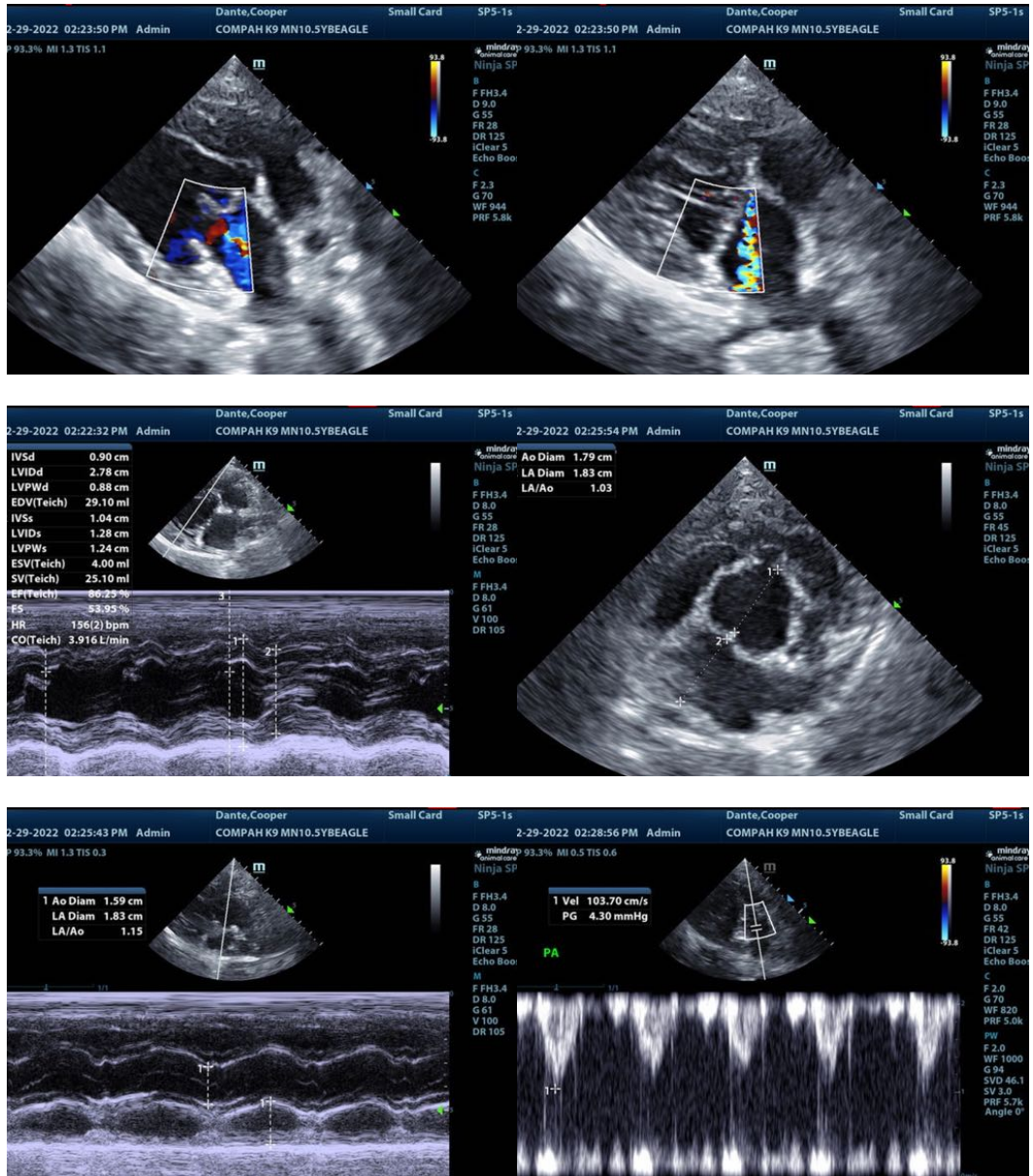
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**PATIENT**

Cooper Dante

**SPECIES**

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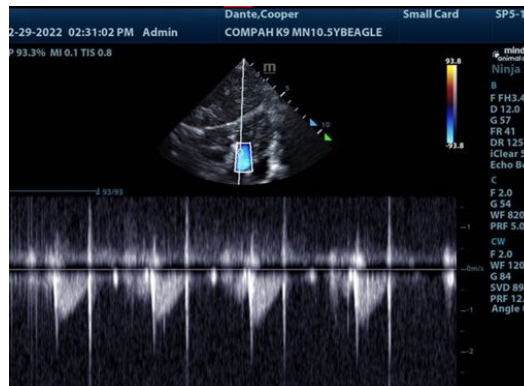
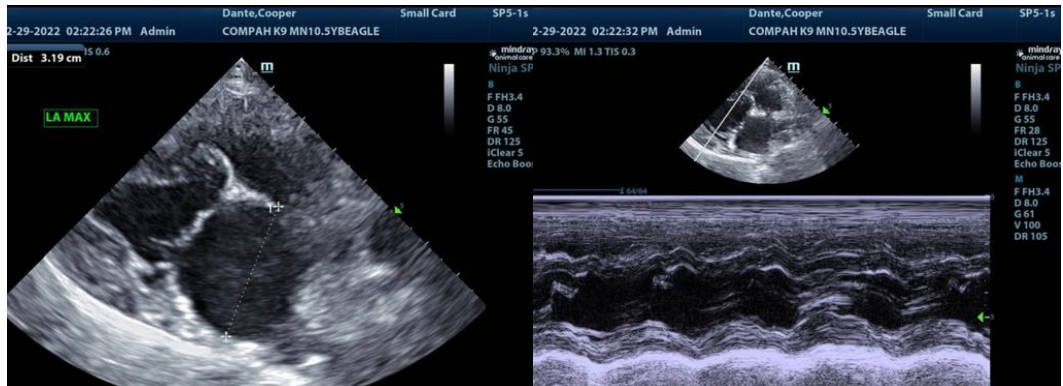
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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