



PATIENT PRESENTING CLINICAL SIGNS

Dunkin Sarabia Grade 1/6 murmur. Asymptomatic.
Abnormal PE/Chem/CBC/UA Results: BP 159/84(98),142/79(90),140/80(98)

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Canine

BREED

Jack Russell

SEX

Spayed Female

AGE

16 Years

WEIGHT

19

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		1.3	1.2	1.2	52	85	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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	88	1.41	1.2		2.7	2.49	

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Trivial **mitral** insufficiency 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. 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. Trivial **tricuspid** insufficiency noted. 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

JK

HOSPITAL NAME

Hamburg Vet

REFERRING VET

Dr. Branning

ULTRASONOGRAPHIC FINDINGS

- Trivial mitral and tricuspid insufficiency, no volume overload

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No treatment recommended.

INVOICE

25020

DATE

8/27/21



PATIENT

Dunkin Sarabia

SPECIES

Canine

BREED

Jack Russell

SEX

Spayed Female

AGE

16 Years

WEIGHT

19

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg Vet

REFERRING VET

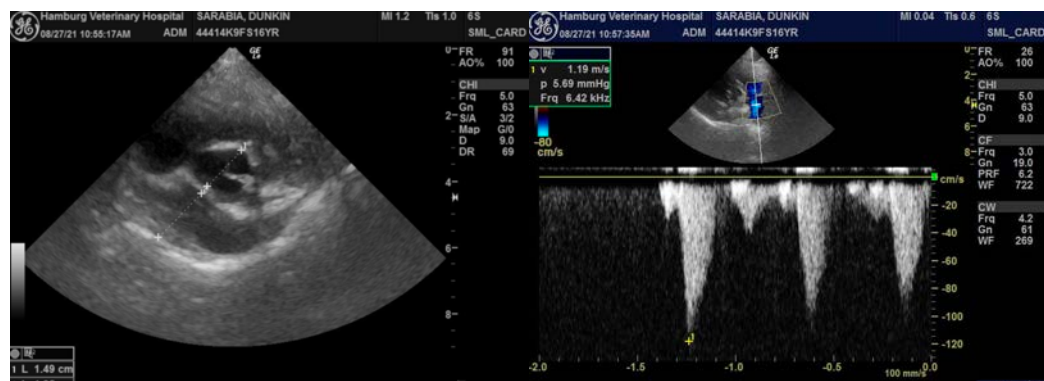
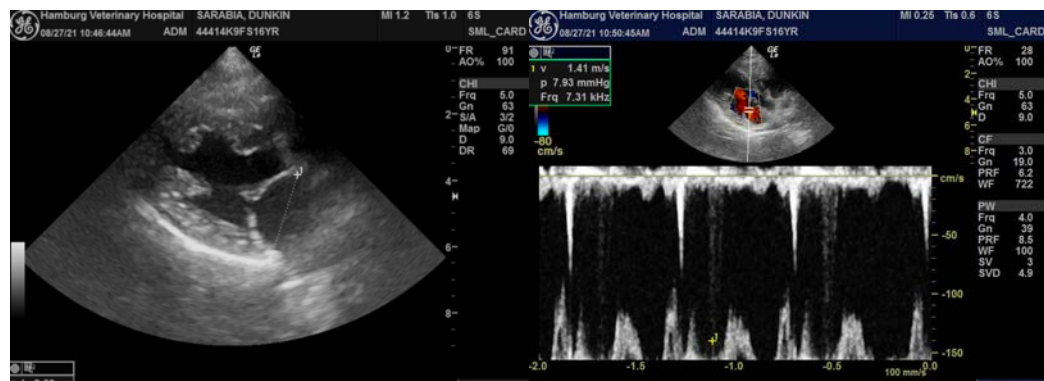
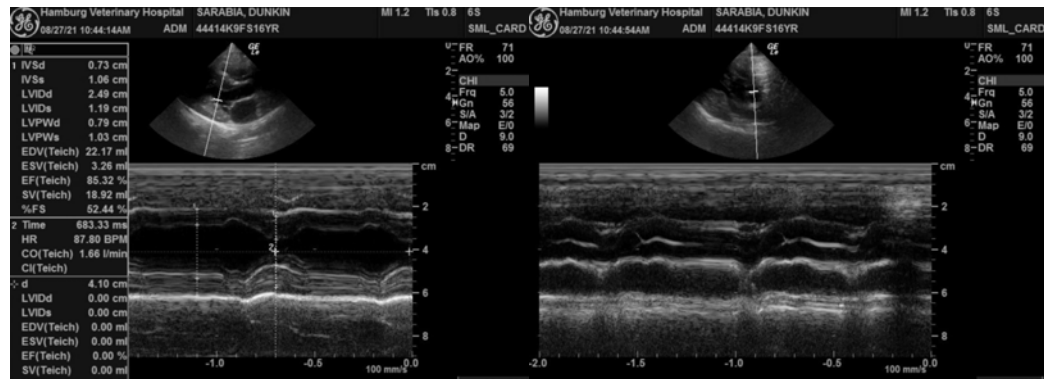
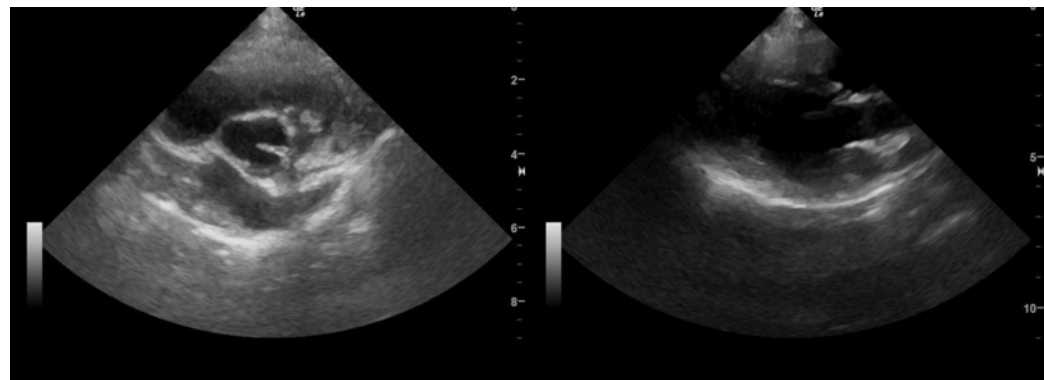
Dr. Branning

INVOICE

25020

DATE

8/27/21





PATIENT

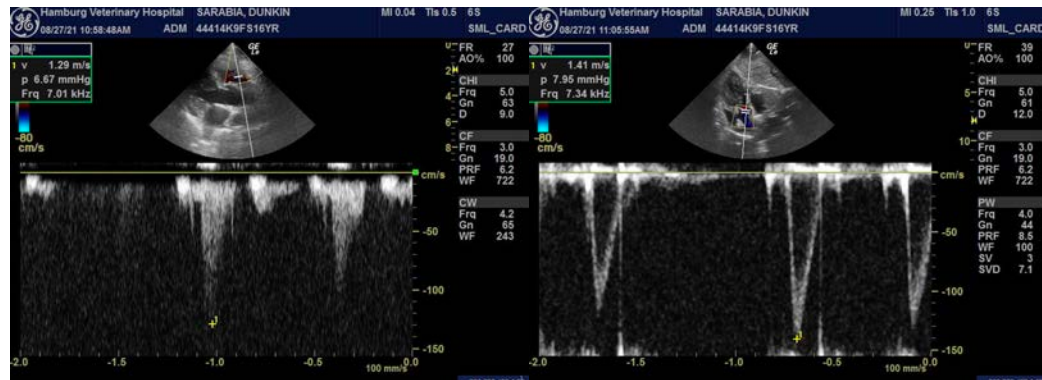
Dunkin Sarabia

SPECIES

Canine

BREED

Jack Russell



SEX

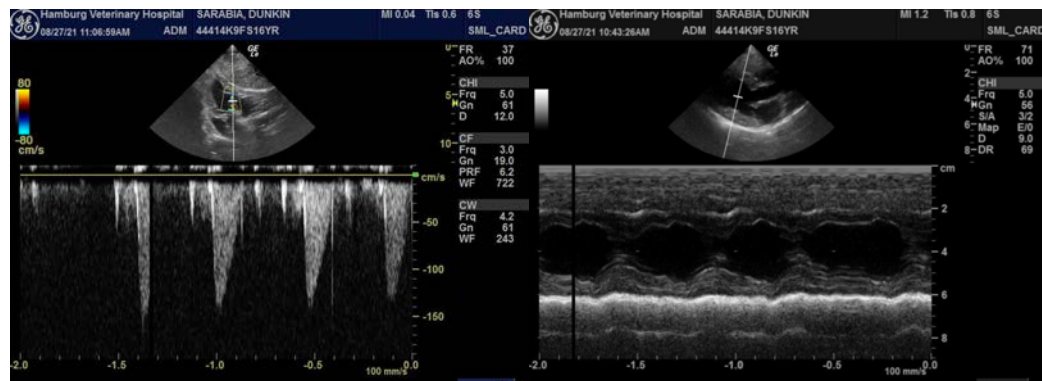
Spayed Female

AGE

16 Years

WEIGHT

19



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

JK

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.

HOSPITAL NAME

Hamburg Vet

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

REFERRING VET

Dr. Branning

INVOICE

25020

DATE

8/27/21