



PATIENT

Bugatti Laykowski

SPECIES

Canine

BREED

Cane Corso

SEX

Intact male

AGE

6 years

WEIGHT

131 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Animal Hospital of
Sussex County

REFERRING VET

Dr. Lovell

INVOICE

70093

DATE

1/13/26

PRESENTING CLINICAL SIGNS

History of VSD- last accessed via echo 2021. Grade 3 murmur, now clinical for cardiac disease. Patient requires anesthesia for neuter due to BPH issues. Meds: Gaba, Traz, Torb for echo
Abnormal PE/Chem/CBC/UA Results: WNL

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

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 **ventricular septal defect** was persistently present and measured 0.9 cm with slight irregular tissue. This appears stable. **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. Mild **tricuspid** insufficiency was noted at 3.0 m/sec. 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. Occasional arrhythmia was noted.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	LA/AO (Heart Base)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	6.0	3.0	1.3	1.3	45	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	90	1.51	0.83	131 lbs	4.5	4.2	

ULTRASONOGRAPHIC FINDINGS

Persistent ventricular septal defect, compensated.
Mild tricuspid insufficiency.



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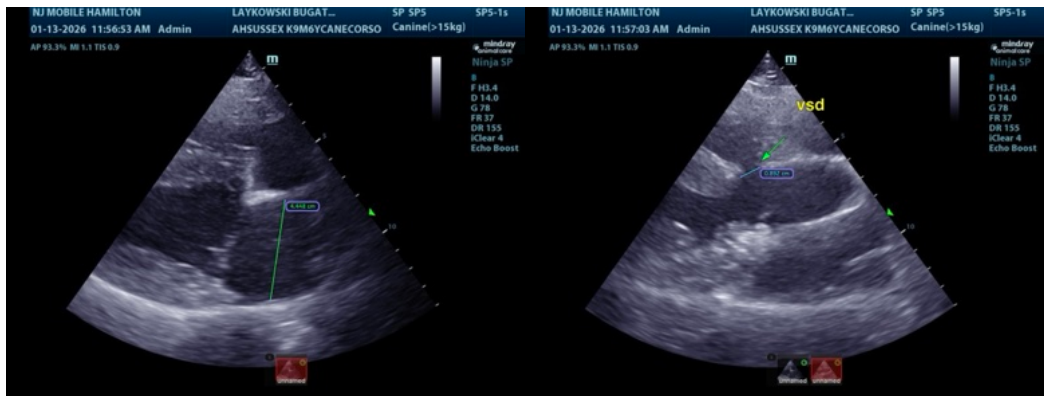
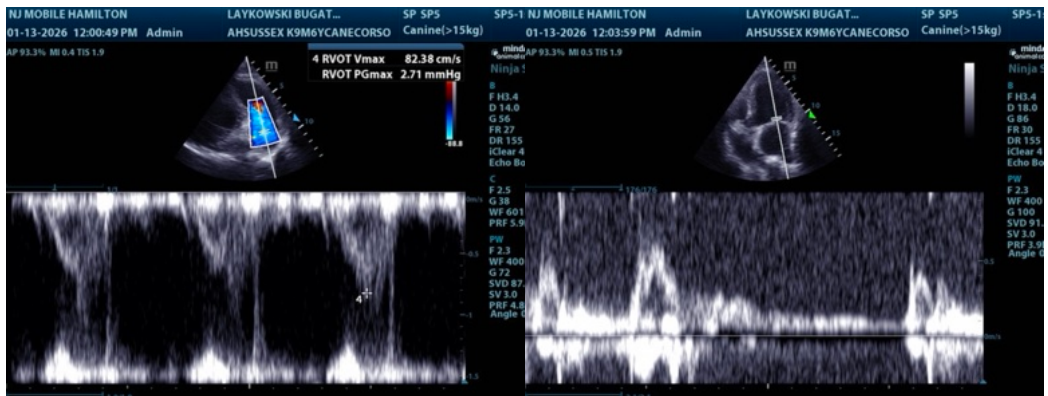
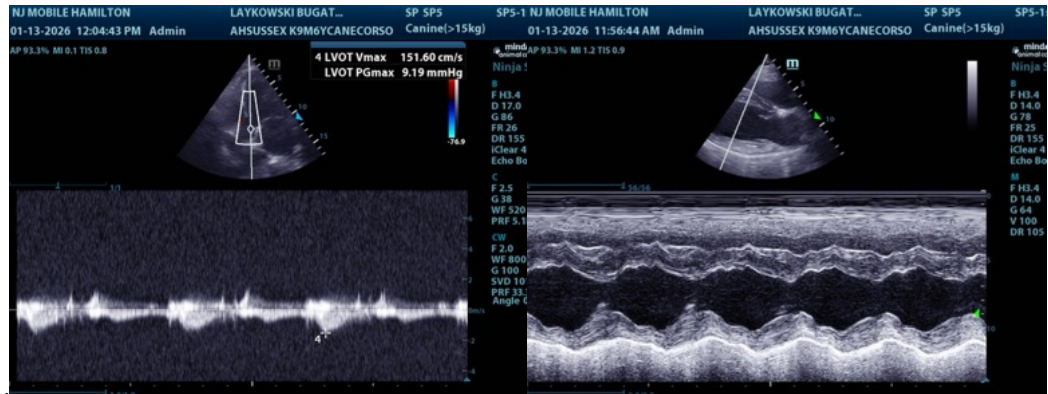
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Baseline EKG is indicated. If any exercise intolerance is noted in the patient's history then Holter monitor is indicated. There is no overt contraindication to anesthetic procedure. Holter monitor can be obtained from our office.





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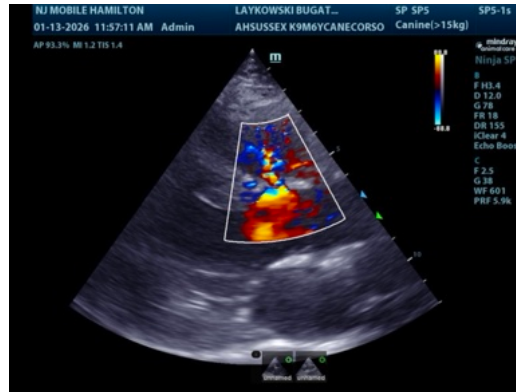
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com