



PATIENT PRESENTING CLINICAL SIGNS

Luna Knight 1/6 systolic heart murmur.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

23.4 pounds

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	1.3	1.2	48	81	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	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	185	1.81	1.3	23.4	2.84	3.3	--

INTERPRETED BY

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS

HOSPITAL NAME

Greenwood Lakes Animal Hospital

REFERRING VET

Dr. Streng

INVOICE

14906

DATE

04/07/26

Cardiac Presentation

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. **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.

ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No detectable murmur, likely idiopathic flow murmur and not clinically significant. No contraindications to anesthetic procedure.



PATIENT

Luna Knight

SPECIES

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

23.4 pounds

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

HOSPITAL NAME

Greenwood Lakes
 Animal Hospital

REFERRING VET

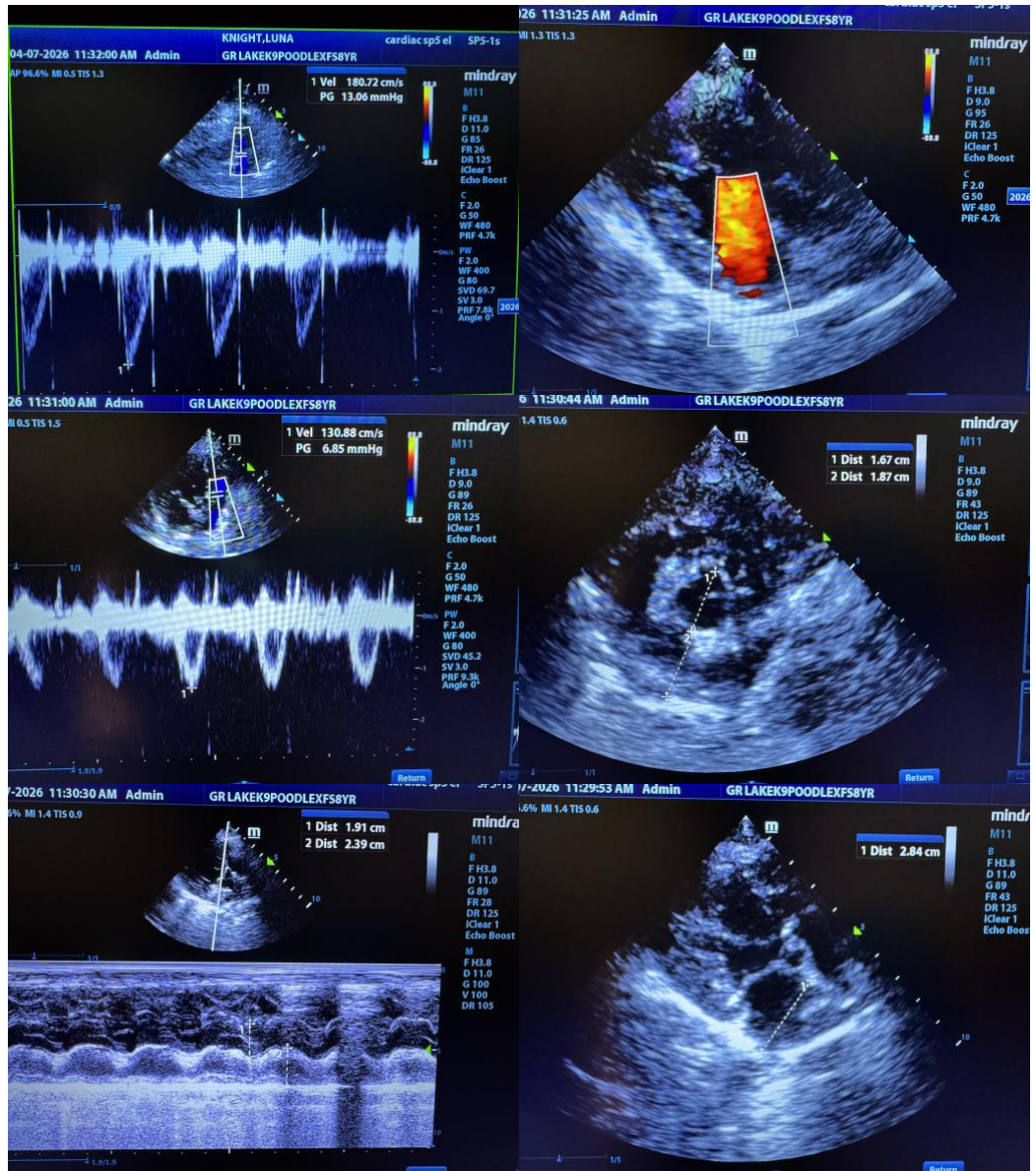
Dr. Streng

INVOICE

14906

DATE

04/07/26





PATIENT

Luna Knight

SPECIES

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

23.4 pounds

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV,
 DABVP(CFM), Cert.
 IVUSS

HOSPITAL NAME

Greenwood Lakes
 Animal Hospital

REFERRING VET

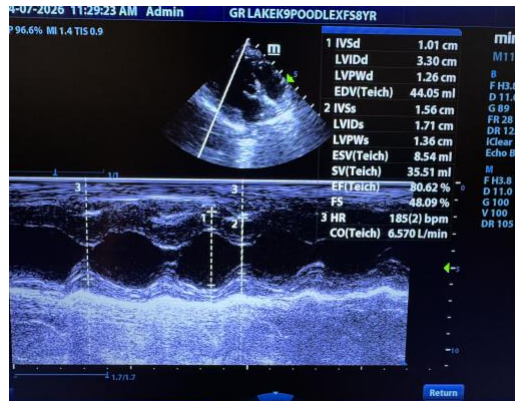
Dr. Streng

INVOICE

14906

DATE

04/07/26



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(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com