

PATIENT PRESENTING CLINICAL SIGNS

Pepper Serkeyn

Low grade heart murmur was heard when he came for his first visit. Murmur seemed to increase in volume, now a Grade 3/6 especially left sided. Worried in case not innocent, so postponed neuter surgery for now. Please assess for anesthetic risk. HR 176. No meds currently.

SPECIES

Abnormal PE/Chem/CBC/UA Results: n/a

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED	FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
DSH		-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
SEX								
Intact Male			NM	0.54	1.67	0.47	54	87
AGE	FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
5 Months		<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
WEIGHT								
9.4 Pounds		NM	1.5	1.2	1.3	1.33	NM	
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705								

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Beamsville AH

REFERRING VET

Dr. Song

INVOICE

26013

DATE

10/1/21

Cardiac Presentation

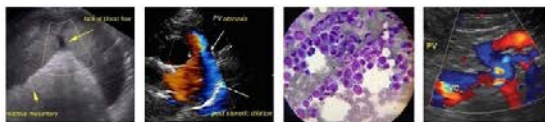
The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial **mitral** turbulence noted on color flow doppler. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented 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 and angles 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 and kinetics. 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 or extra cardiac pathology in the visible planes. The cranial **mediastinum** and **pericardial regions** were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Likely flow murmur, no obvious congenital lesion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No contraindication to anesthetic procedure. If murmur is still present at full adulthood, then recheck echocardiogram would be warranted at that time.



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BREED

DSH

SEX

Intact Male

AGE

5 Months

WEIGHT

9.4 Pounds

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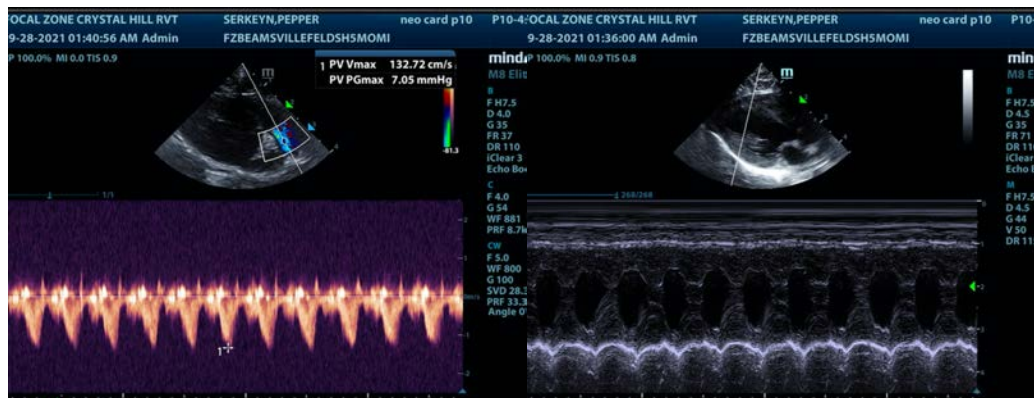
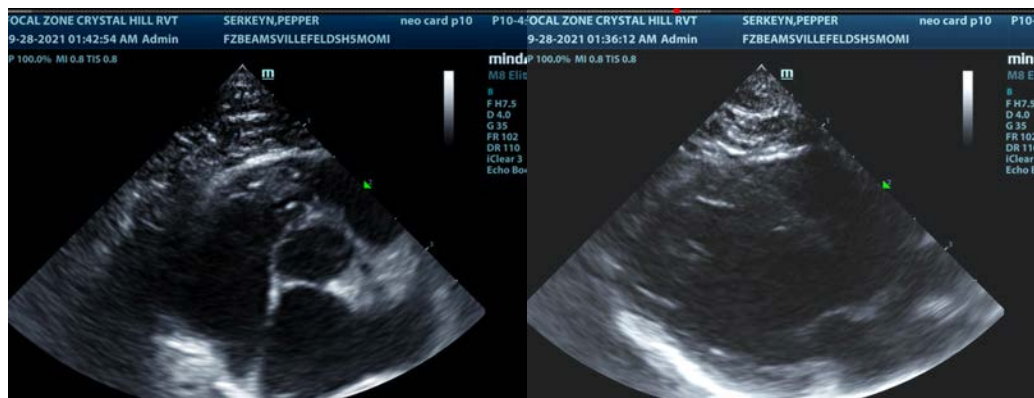
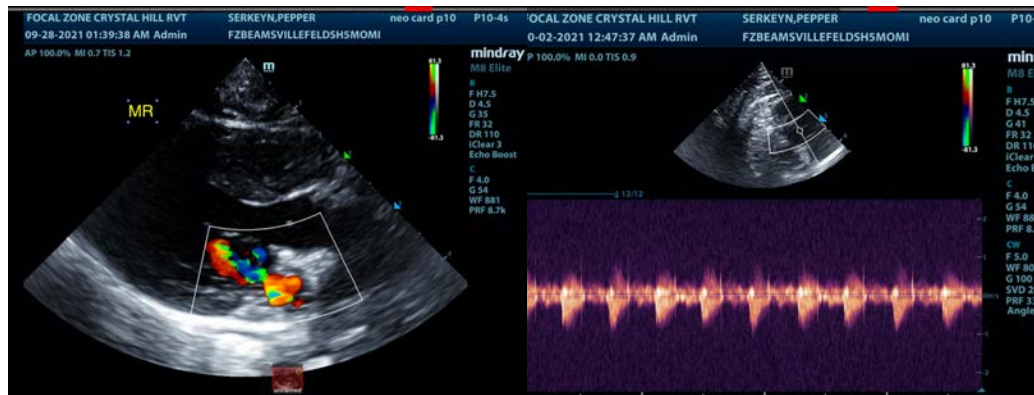
Dr. Song

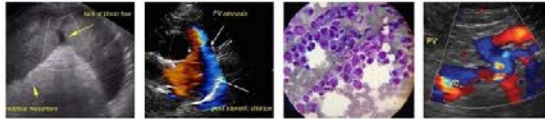
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Pepper Serkeyn

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.

SPECIES

Feline

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.

BREED

DSH

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

Intact Male

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5 Months

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