



PATIENT

Pearl Kujawa

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

7 years

WEIGHT

4.77 kg

PRESENTING CLINICAL SIGNS

History: Grade 2/6 systolic heart murmur noted in Jan 2022. Had proBNP sent to IDEXX back then, came back normal. Recently has been coughing. No tachypnea, lungs looks overall clear on x-rays but vessels seem on larger end of normal. Ddx heart disease vs. unrelated cough
Abnormal PE/Chem/CBC/UA Results:

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics.. 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. Comet tail lung pattern was noted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Cory

HOSPITAL NAME

Orchard VC

REFERRING VET

Dr. Cory

INVOICE

42295

DATE

11/2/22

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	4.77	NM	0.53	1.39	0.45	26	55
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/)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.3	1.3	1.5	NM	NM	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							

ULTRASONOGRAPHIC FINDINGS

Normal echocardiogram.
Comet tail lung pattern.



PATIENT

Pearl Kujawa

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

7 years

WEIGHT

4.77 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Cory

HOSPITAL NAME

Orchard VC

REFERRING VET

Dr. Cory

INVOICE

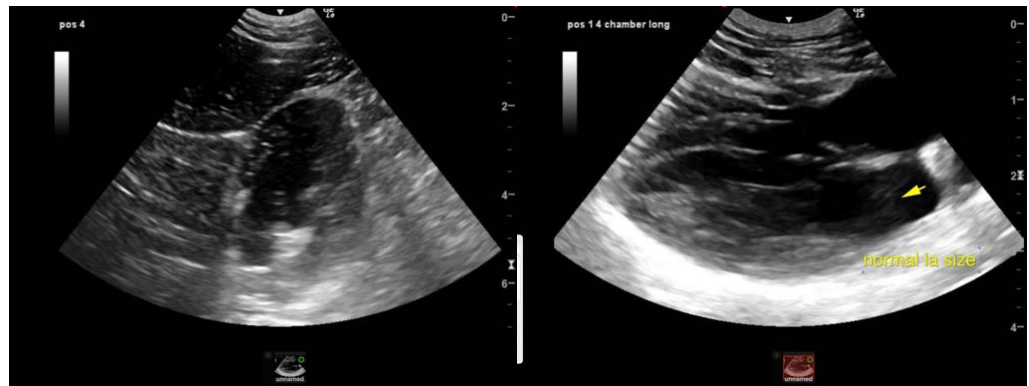
42295

DATE

11/2/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of pathology. The cough and respiratory signs are non-cardiogenic. Treatment for primary respiratory disease is indicated.



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