



PATIENT

Takoma Rome

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

11 years

WEIGHT

17 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. Christensen

INVOICE

46467

DATE

8/7/23

PRESENTING CLINICAL SIGNS

History: Historic 3/6 murmur. Recheck U/S. Non-symptomatic.
Abnormal PE/Chem/CBC/UA Results: WNL. BNP pending.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. **Mitral** valve insufficiency was noted and compensated at this time. The **left ventricle** revealed slight hypertrophy that is compensated. **Contractility** and internal volume area normal. 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. Excessive thoracic fat was noted in this patient. The hepatic veins were not dilated.

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	17 lbs	200	0.6	1.1	0.69		
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	1.6		0.7	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

Slight left ventricular hypertrophy.

Hypertrophic cardiomyopathy phenotype, compensated.

Mitral insufficiency.



INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No therapy is recommended at this time. Blood pressure measurements are indicated. Control of thyroid and blood pressure measurements are recommended.

PATIENT

Takoma Rome

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

11 years

WEIGHT

17 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

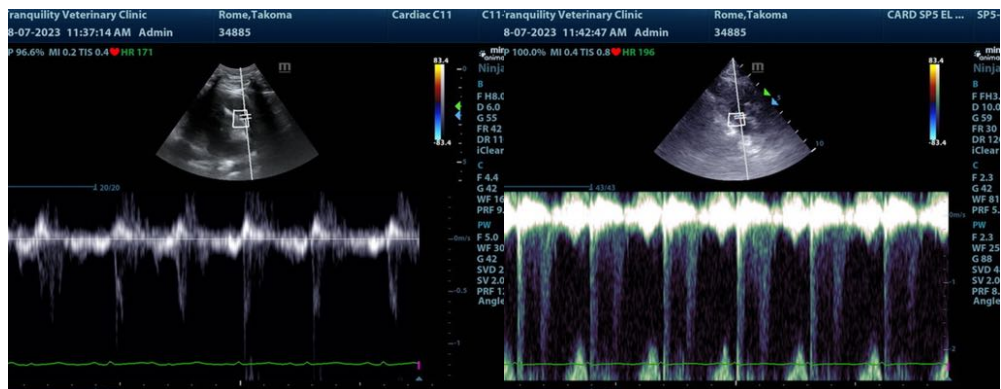
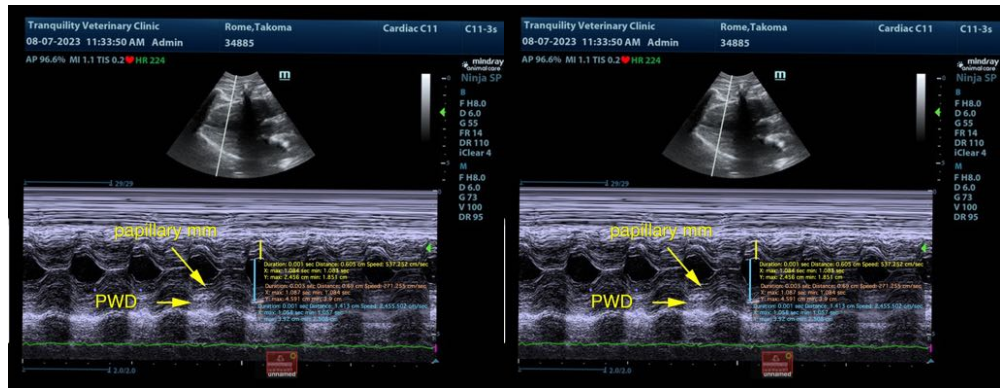
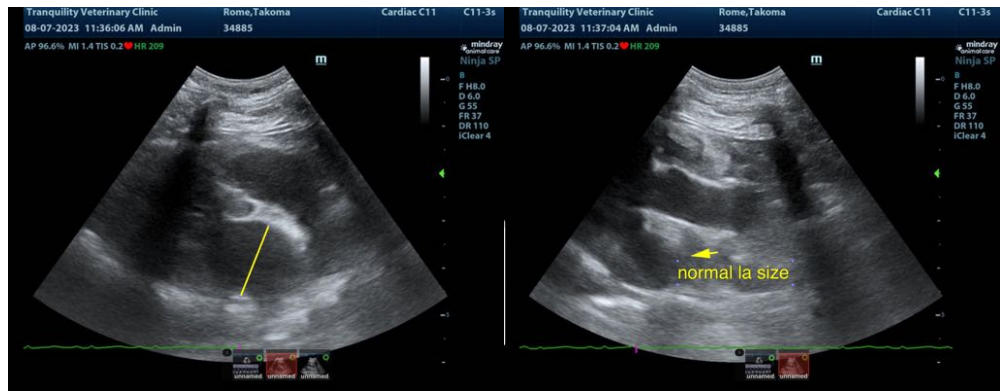
Dr. Christensen

INVOICE

46467

DATE

8/7/23





PATIENT

Takoma Rome

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

11 years

WEIGHT

17 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

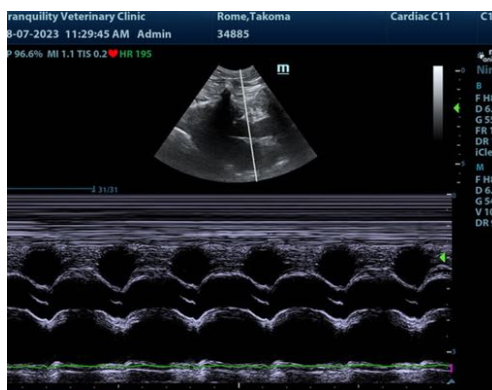
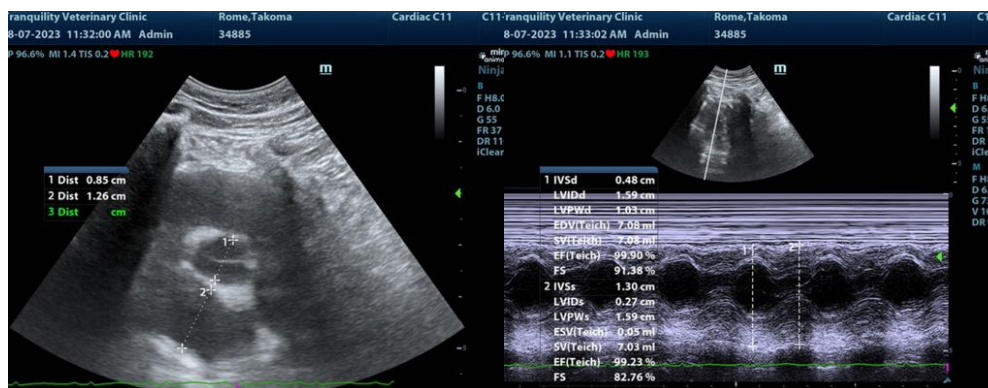
Dr. Christensen

INVOICE

46467

DATE

8/7/23



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