



PATIENT

Melon Zheng

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered Male

AGE

8 Years 7 Months

WEIGHT

16.4 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Alex McFeely DVM

HOSPITAL NAME

Vetco Total Care (State
College #1827)

REFERRING VET

Dr. Alex McFeely DVM

INVOICE

13778

DATE

02/13/26

PRESENTING CLINICAL SIGNS

- Melon has a history of a polyseasonal cough that improved with prednisolone therapy, including currently within past week. Because Melon is a Ragdoll, this cardiac ultrasound is his baseline to screen for breed-related cardiomyopathy. He was given 1.4mg butorphanol to lightly sedate for the cardiac ultrasound today, and his doppler blood pressure measurement was normal at 124mmHg systolic.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	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	16.4	NM	0.5	1.4	0.5	45	90
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.1	1.3	1.2		NM	0.70	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							

EPSS: 0.1

Cardiac Presentation

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.

ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram.



PATIENT

Melon Zheng

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered Male

AGE

8 Years 7 Months

WEIGHT

16.4 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Alex McFeely DVM

HOSPITAL NAME

Vetco Total Care (State
College #1827)

REFERRING VET

Dr. Alex McFeely DVM

INVOICE

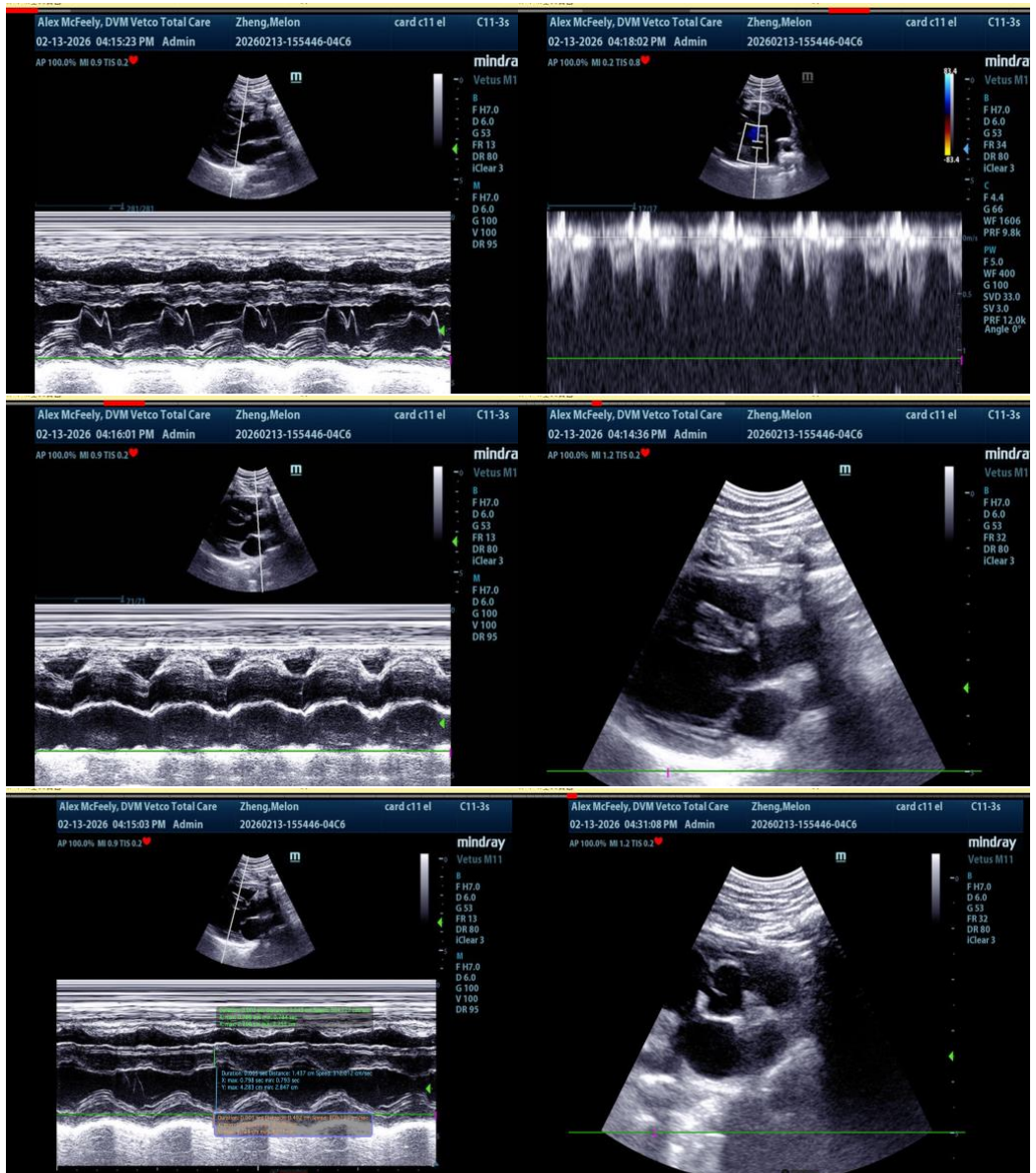
13778

DATE

02/13/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of pathology. The cough is noncardiogenic. Primary management for feline bronchial 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



PATIENT

Melon Zheng

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered Male

AGE

8 Years 7 Months

WEIGHT

16.4 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Alex McFeely DVM

HOSPITAL NAME

Vetco Total Care (State
College #1827)

REFERRING VET

Dr. Alex McFeely DVM

INVOICE

13778

DATE

02/13/26

can be of any further assistance, please contact me.

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

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com