



**PATIENT**

Sandy Dexter

**PRESENTING CLINICAL SIGNS**

History: Hyperthyroid. Heart Rate and Respiratory Rates HR: 200 RR: 40 Blood Pressure Measurements 136/65 (79), 127/90 (100), 134/91(104) Current Medications Methimazole 6.25mg BID

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

**BREED**

Domestic Shorthair

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial **mitral** valve insufficiency was noted on color flow assessment, yet not clinically significant. 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. Tachycardia was noted in this patient. EKG is indicated.

**SEX**

Spayed Female

**AGE**

10 yrs

**WEIGHT**

16.75

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

The Ark VC

**REFERRING VET**

Dr.

**INVOICE**

91215

**DATE**

8/13/21

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		256	0.43	1.51	0.48	64	94
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	1.0	1.59	1.21	1.0	1.04	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							



**PATIENT**

Sandy Dexter

**ULTRASONOGRAPHIC FINDINGS**

Normal echocardiogram with trivial mitral insufficiency and tachycardia.

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

EKG is warranted to ensure that this is sinus tachycardia. Blood pressure measurements and thyroid assessment would be warranted if not already performed. There was no evidence of structural disease at this time. The patient should not have any clinical sings directly related to cardiac function.,

**BREED**

Domestic Shorthair

**SEX**

Spayed Female

**AGE**

10 yrs

**WEIGHT**

16.75

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

The Ark VC

**REFERRING VET**

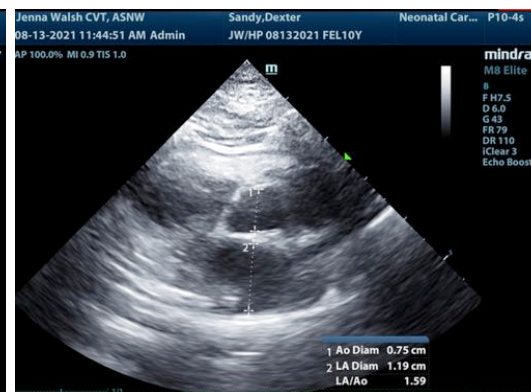
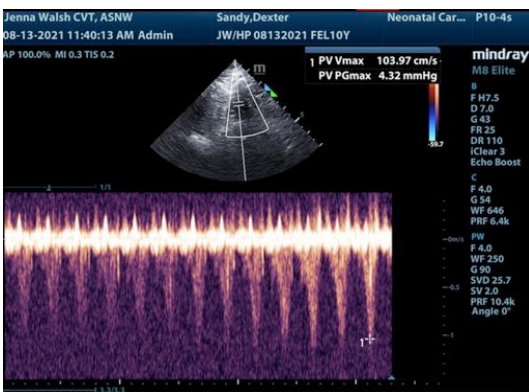
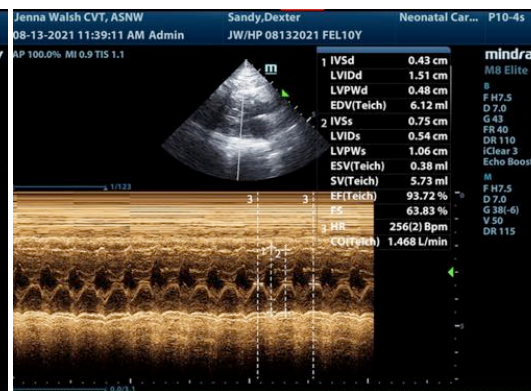
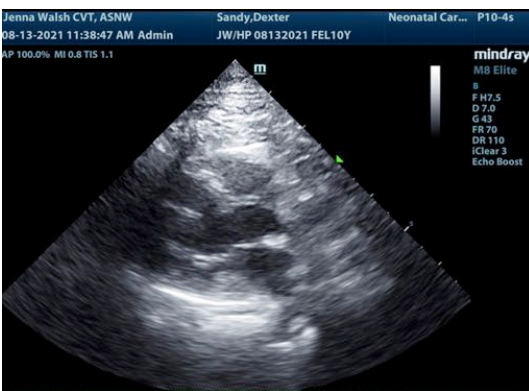
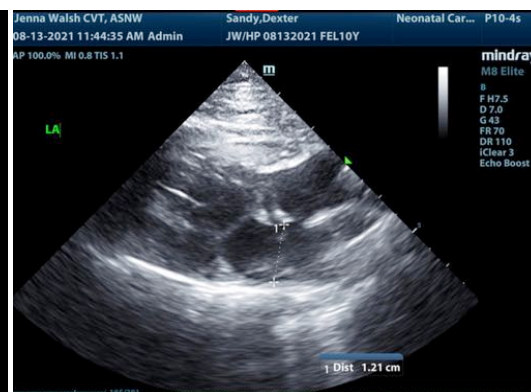
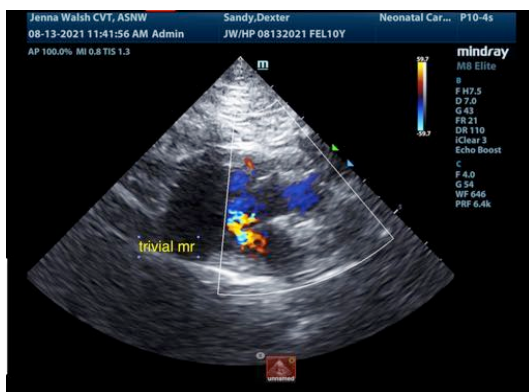
Dr.

**INVOICE**

91215

**DATE**

8/13/21





**PATIENT**

Sandy Dexter

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

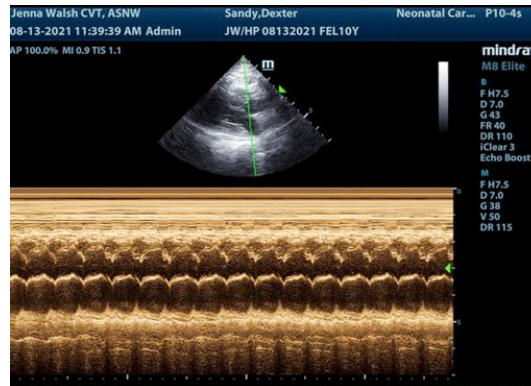
Spayed Female

**AGE**

10 yrs

**WEIGHT**

16.75



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.

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

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

The Ark VC

**REFERRING VET**

Dr.

**INVOICE**

91215

**DATE**

8/13/21