

**PATIENT**

Cinnamon Brooks

**SPECIES**

Feline

**BREED**

Domestic Medium Hair

**SEX**

Neutered male

**AGE**

18 years

**WEIGHT**

9.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

The Veterinary Hospital

**REFERRING VET**

Dr. Yamada

**INVOICE**

69199

**DATE**

12/2/25

**PRESENTING CLINICAL SIGNS**

History: O reports has had dilated pupils and has been walking in circles since Sunday. O describes recent acute behavioral changes, including circling, ataxia, and altered responsiveness but P seems a bit better today. owner notes gradual cognitive decline over several months, inc. vocalization, and possible dementia. Att. k/D but pet refused. SQ fluids not option due to stress. no recent Change in appetite or U/D reported.

Abnormal PE/Chem/CBC/UA Results: Hx of mod. kidney disease, grade 3/6 heart murmur noted on exam, but prev. noted HM. 7/24/25 CBC WNL, Chem SDMA 25 H, Creat 2.5 H, BUN 50 H, ALT 26 L, AMY 2333, Cardio BNP 341 H, Urine: USG 1.013 L, trace pro, fine granular casts, otherwise WNL. BP: 147/82 (105), 152/83 (107)160/92 (116) 166/87 ( 115),166/85 (113) HR 190, RR 30, T 100.7

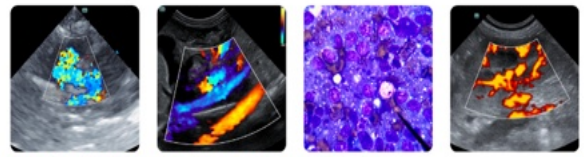
**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

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 septal and free wall thicknesses with adequate contractility and volumes. Mild **myocardial** remodeling was noted. 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.

**E Wave 1.0**

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	9.8 lbs	186	0.31	1.88	0.31	44	78
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	1.0	1.01	1.3		1.3	1.0	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**

Cinnamon Brooks

**SPECIES**

Feline

**BREED**

Domestic Medium Hair

**SEX**

Neutered male

**AGE**

18 years

**WEIGHT**

9.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

The Veterinary  
 Hospital

**REFERRING VET**

Dr. Yamada

**INVOICE**

69199

**DATE**

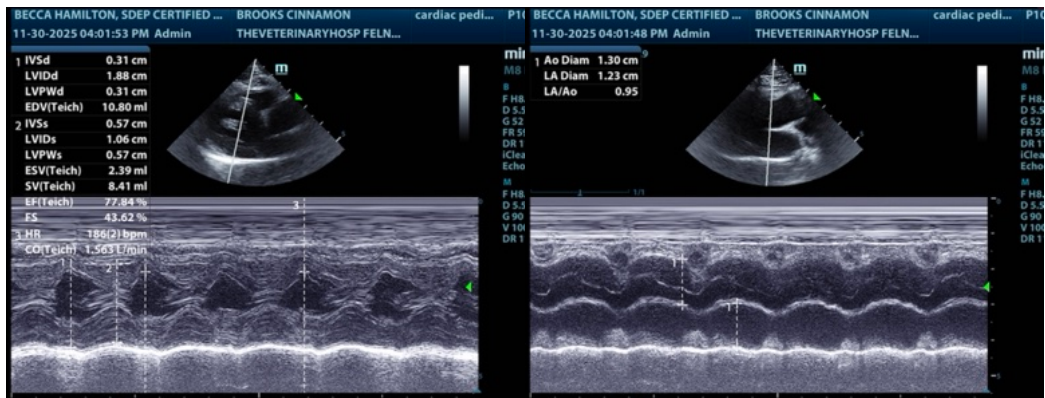
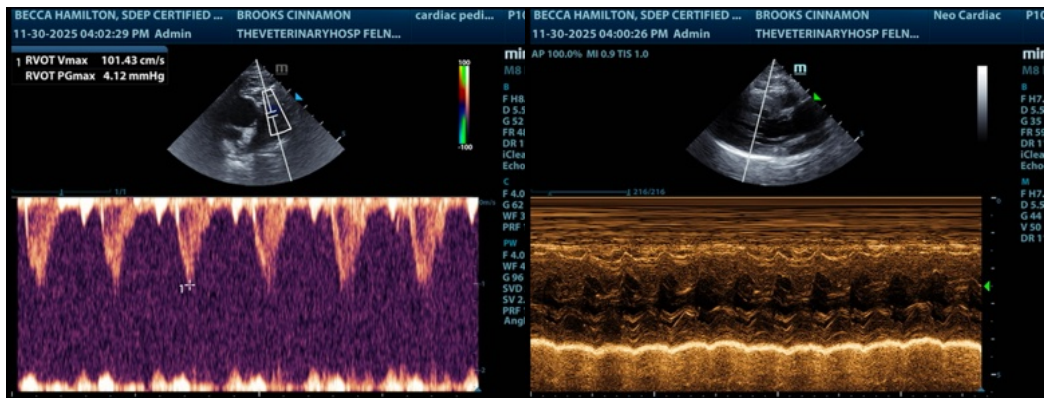
12/2/25

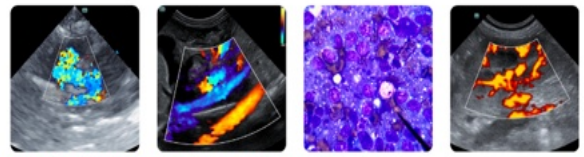
**ULTRASONOGRAPHIC FINDINGS**

Slight myocardial remodeling and age related change.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of cardiac disease in this patient. Given the patient's history management for hypertension is warranted as the systolic pressure is consistently around or above 160, but CT evaluation of the skull and cervical spine would be warranted to assess for primary neurologic disease. No cardiac component in this patient at this time.





**PATIENT**

Cinnamon Brooks

**SPECIES**

Feline

**BREED**

Domestic Medium Hair

**SEX**

Neutered male

**AGE**

18 years

**WEIGHT**

9.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
 DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

The Veterinary  
 Hospital

**REFERRING VET**

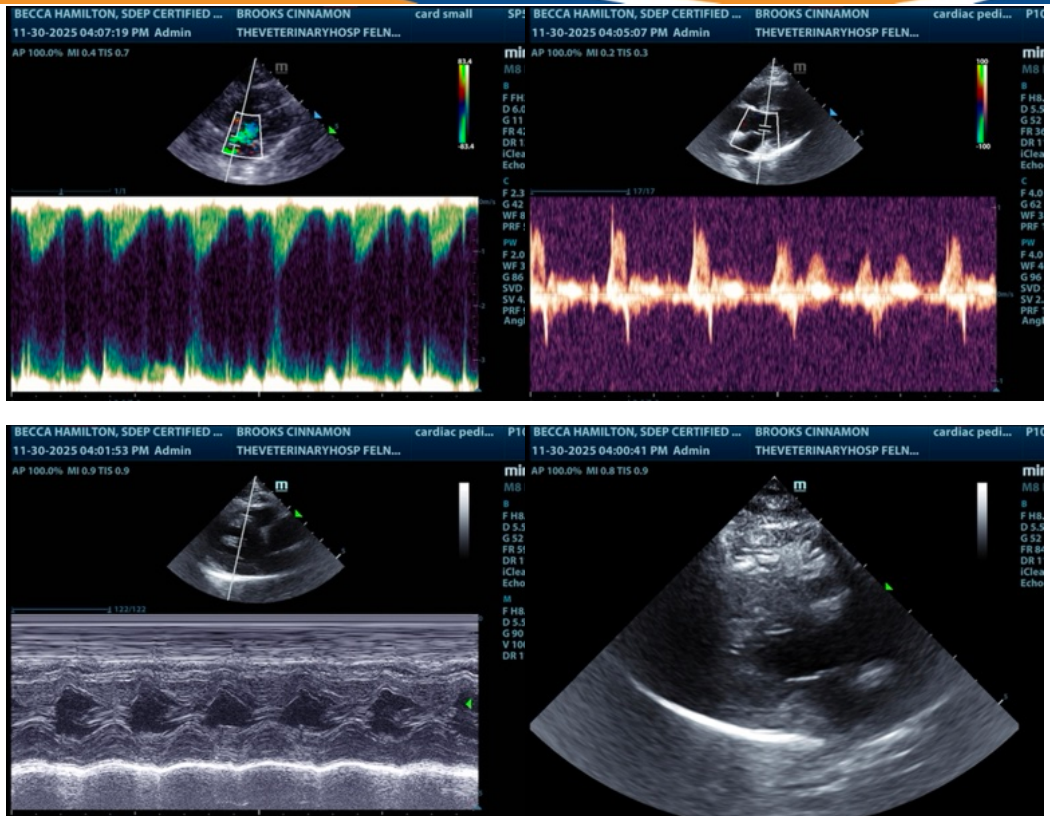
Dr. Yamada

**INVOICE**

69199

**DATE**

12/2/25



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](mailto:info@SonoPath.com)