



PATIENT

Sarimo Valinote

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

20 years

WEIGHT

8.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hallihan

INVOICE

92796

DATE

11/2/21

PRESENTING CLINICAL SIGNS

History: Severe dental disease. Echo prior to dental. Current meds: Hyperthyroid- Tapazole 5mg 1/2T BID. On P/D K/D
Abnormal PE/Chem/CBC/UA Results: 10/27/21: ALT 185, BUN 48, Creat 2.

Patient had gabapentin and then was given Torb for the echo.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The **left atrium** was moderately enlarged in this patient with smoke. Concentric hypertrophy of the left ventricle was noted with exaggeratedly thickened papillary muscle was noted with variable contractility and **mitral insufficiency**. 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. Trivial **tricuspid** insufficiency was noted. 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). Slight **pericardial** effusion was noted. Arrhythmogenic activity was noted.

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		NM	0.5	1.8		45	
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	1.5	1.5	2.03			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

Hypertrophic left heart with mitral insufficiency.

Smoke present.

Arrhythmogenic activity.



PATIENT

Sarimo Valinote

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

20 years

WEIGHT

8.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Hallihan

INVOICE

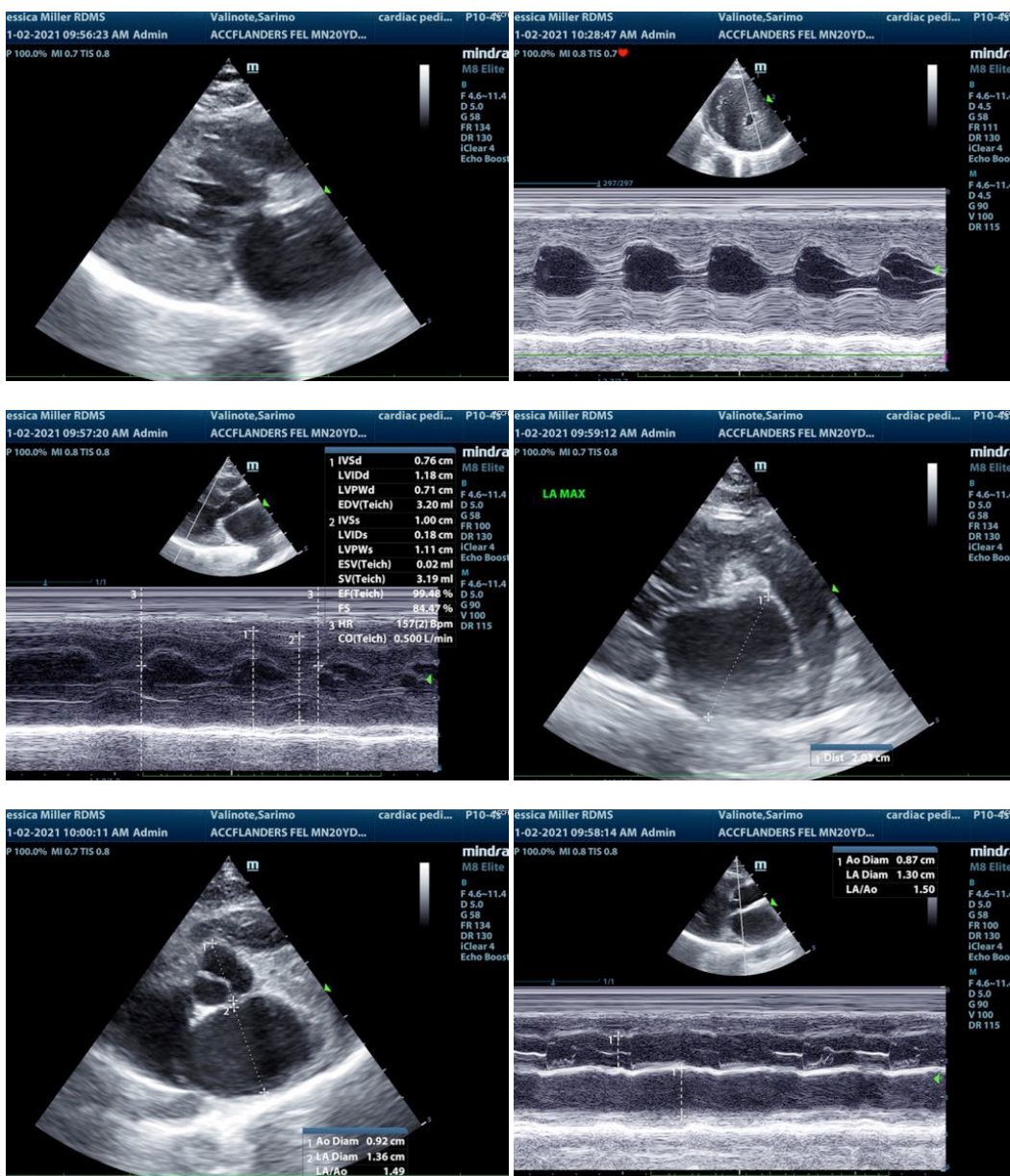
92796

DATE

11/2/21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend blood pressures and EKG in this patient. Plavix therapy, Lasix and ace inhibitor are all indicated. Pimobendan can be considered off label at 0.3 mg/kg b.i.d. Lasix should be used sparingly given the azotemia depending upon abdominal sonogram. An abdominal sonogram is recommended to assess the status of the kidneys. Blood pressure measurements are warranted as well as reassessment of the thyroid if not recently performed. Guarded prognosis. The patient is at risk for sudden death. A recheck echocardiogram is recommended in 2 weeks.





PATIENT

Sarimo Valinote

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

20 years

WEIGHT

8.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

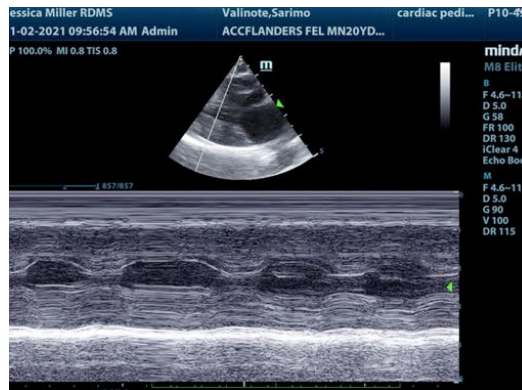
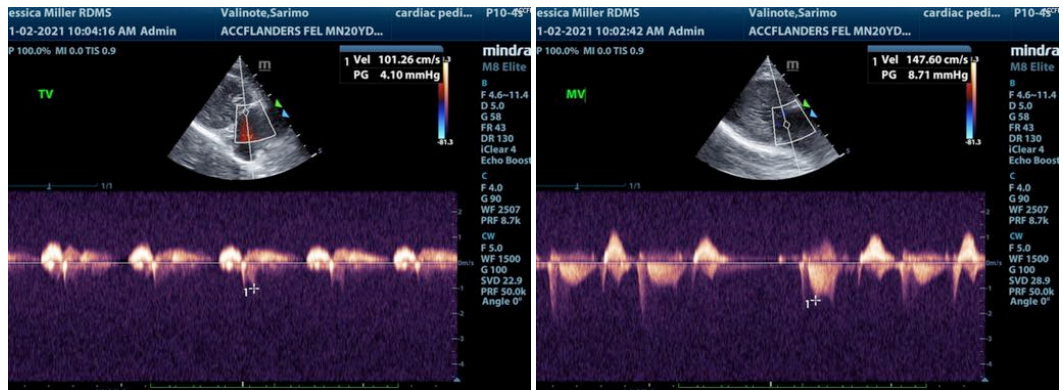
Dr. Hallihan

INVOICE

92796

DATE

11/2/21



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