



## PATIENT

Nova Montroy

## SPECIES

Feline

## BREED

Ragdoll

## SEX

Neutered male

## AGE

8 years

## WEIGHT

13.4 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Jenni Tudini  
MRCVS, SDEP Cert

## HOSPITAL NAME

East Aurora VH

## REFERRING VET

Dr. Dudek

## INVOICE

71103

## DATE

1/29/26

## PRESENTING CLINICAL SIGNS

- Patient recently seen for routine exam and a new cardiac murmur was noted during this visit. This combined with a mild ProBNP elevation and breed led to recommendation to pursue echocardiogram
- Cardiovascular Notes: - Normal rate and rhythm auscultated. - Soft grade IV/VI parasternal systolic murmur - Femoral pulses were synchronous and of good quality. CBC/Chem/TT4/FT4 all WNL Mild elevation in proBNP 185 (0-100) Small amount of blood in urine, possibly due to contamination due to collection via cysto. 2+ protein in urine, UPC of 0.2

## ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial **mitral** valve insufficiency was noted, but not clinically significant. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. There was **myocardial** remodeling noted. Slight septal hypertrophy was noted. This is not clinically significant. **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.

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	13.4 lbs	NM	0.6	1.3	0.5	50	
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	1.1	1.4		1.1	0.8	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

Nova Montroy

## SPECIES

Feline

## BREED

Ragdoll

## SEX

Neutered male

## AGE

8 years

## WEIGHT

13.4 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Jenni Tudini  
MRCVS, SDEP Cert

## HOSPITAL NAME

East Aurora VH

## REFERRING VET

Dr. Dudek

## INVOICE

71103

## DATE

1/29/26

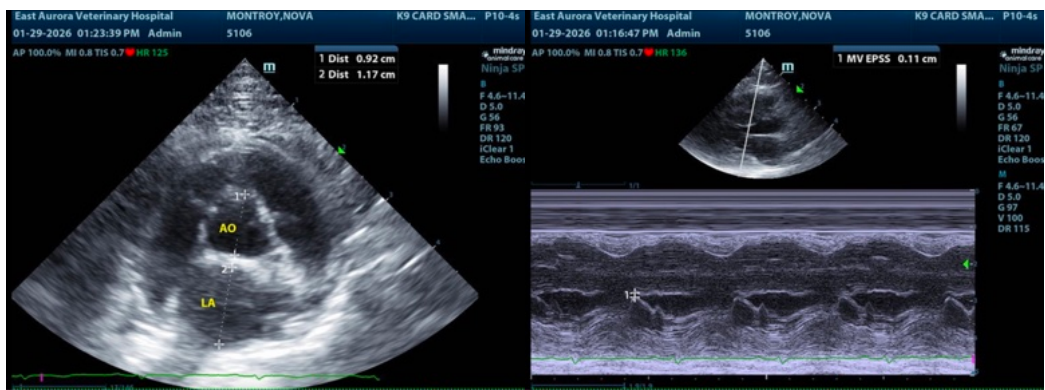
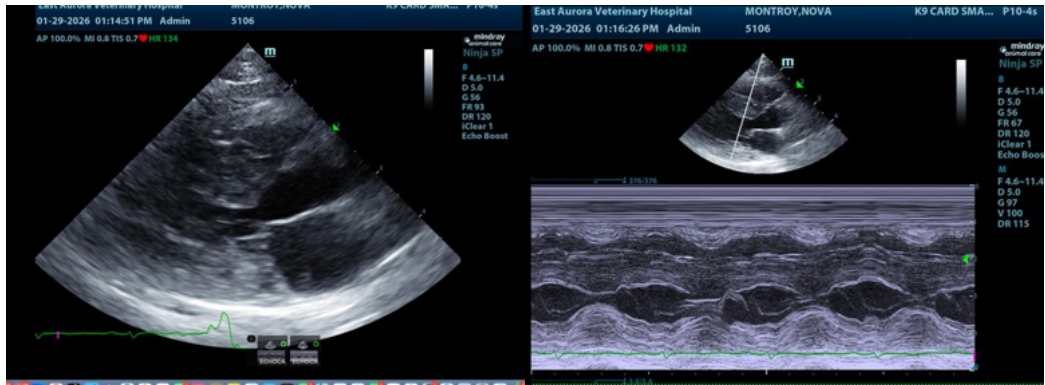
## ULTRASONOGRAPHIC FINDINGS

Essentially normal echocardiogram with mild myocardial remodeling and trivial mitral insufficiency, not clinically significant.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No therapy is recommended at this time.

Benign flow murmurs are common in cats. This may be owing to volume shifts, tachycardia, benign (DRVOTO) right ventricular outflow changes, trivial turbulence in any of the valvular apparatuses, or possibly excessive stethoscope pressure against the chest according to a recent study These are physiologically benign and unrelated to specific pathology.





**PATIENT**

Nova Montroy

**SPECIES**

Feline

**BREED**

Ragdoll

**SEX**

Neutered male

**AGE**

8 years

**WEIGHT**

13.4 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Jenni Tudini  
MRCVS, SDEP Cert

**HOSPITAL NAME**

East Aurora VH

**REFERRING VET**

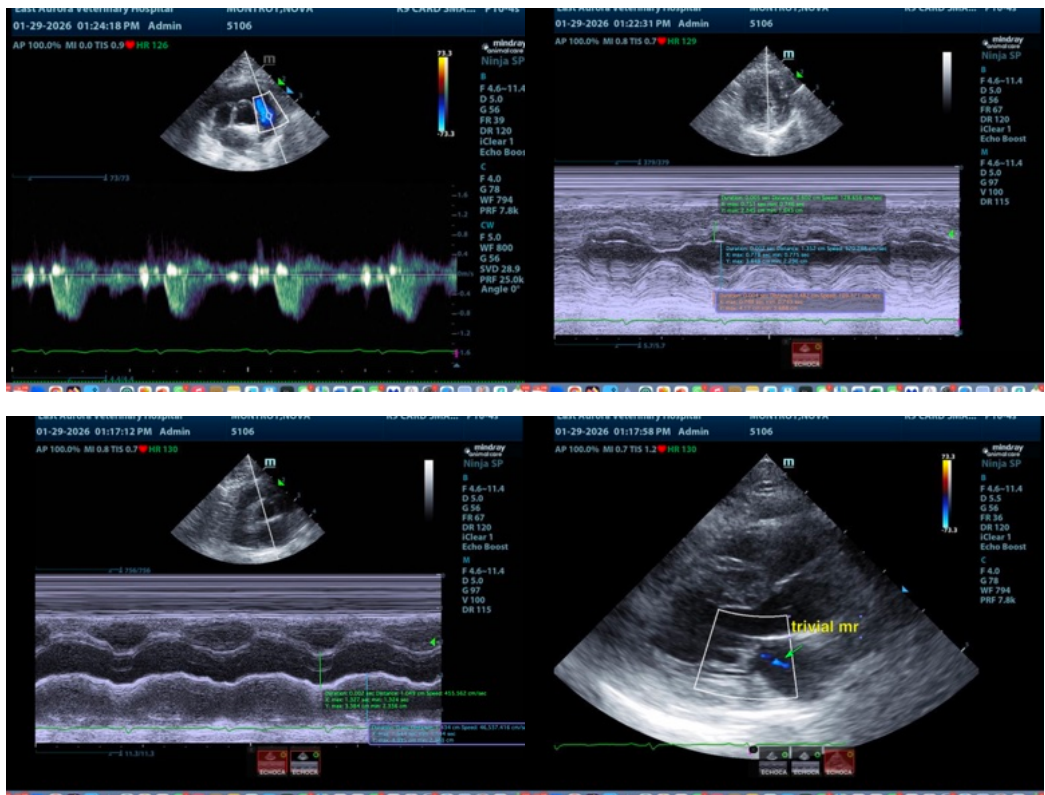
Dr. Dudek

**INVOICE**

71103

**DATE**

1/29/26



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 (CFM), Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)