



## PATIENT

Queen Beasty July  
Huckabone

## SPECIES

Feline

## BREED

Norwegian Forest Cat

## SEX

Spayed Female

## AGE

9 Years 9 Months

## WEIGHT

10.5 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Jenni Tudini, MRCVS,  
SDEP Cert (Abd)

## HOSPITAL NAME

East Aurora Veterinary  
Hospital

## REFERRING VET

Dr. Sara Huckabone

## INVOICE

72437

## DATE

1/23/26

## PRESENTING CLINICAL SIGNS

Patient recently found to have marked elevated of ProBNP on routine bloodwork. Asymptomatic but longstanding known pulmonary disease with long term steroid management.

Abnormal PE/Chem/CBC/UA Results: Exam unremarkable - BP: normotensive - CBC: Mild leukocytosis - Biochem: WNL - Pro BNP: 1299 (0-100) - Urine: SG 1.036, Protein 2+, Blood 3+ - T4/Free T4: WNL

## 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	10.5	200	0.58	1.5	0.39	50	80
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	>2.0	>2.5	1.8		--	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							

## Cardiac Presentation

The left ventricle presented variable sectorial hypertrophy. EPSS was normal at 0.26. Moderate volume overload noted in the left atrium owing to mitral insufficiency. Pulmonary edema lines noted. The right atrium and right ventricular outflow were unremarkable. Trace amount of pericardial effusion noted, likely owing to early left-sided heart failure. Mild "smoke" noted in the left atrium. Hepatic veins were not dilated. No evidence of right-sided failure present.

## ULTRASONOGRAPHIC FINDINGS

- Sectorial left ventricular hypertrophy – form of hypertrophic cardiomyopathy.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend low-dose Lasix at 6.25 mg BID, ACE inhibitor 0.5 mg/kg SID, and Plavix therapy. Given the steroid management, I cannot rule out that playing a role in the cardiac volume overload. However, the patient has the criteria for left-sided heart failure, especially given the slight pericardial effusion, which can occur in cats in left-sided volume overload. Recheck echo in one month.



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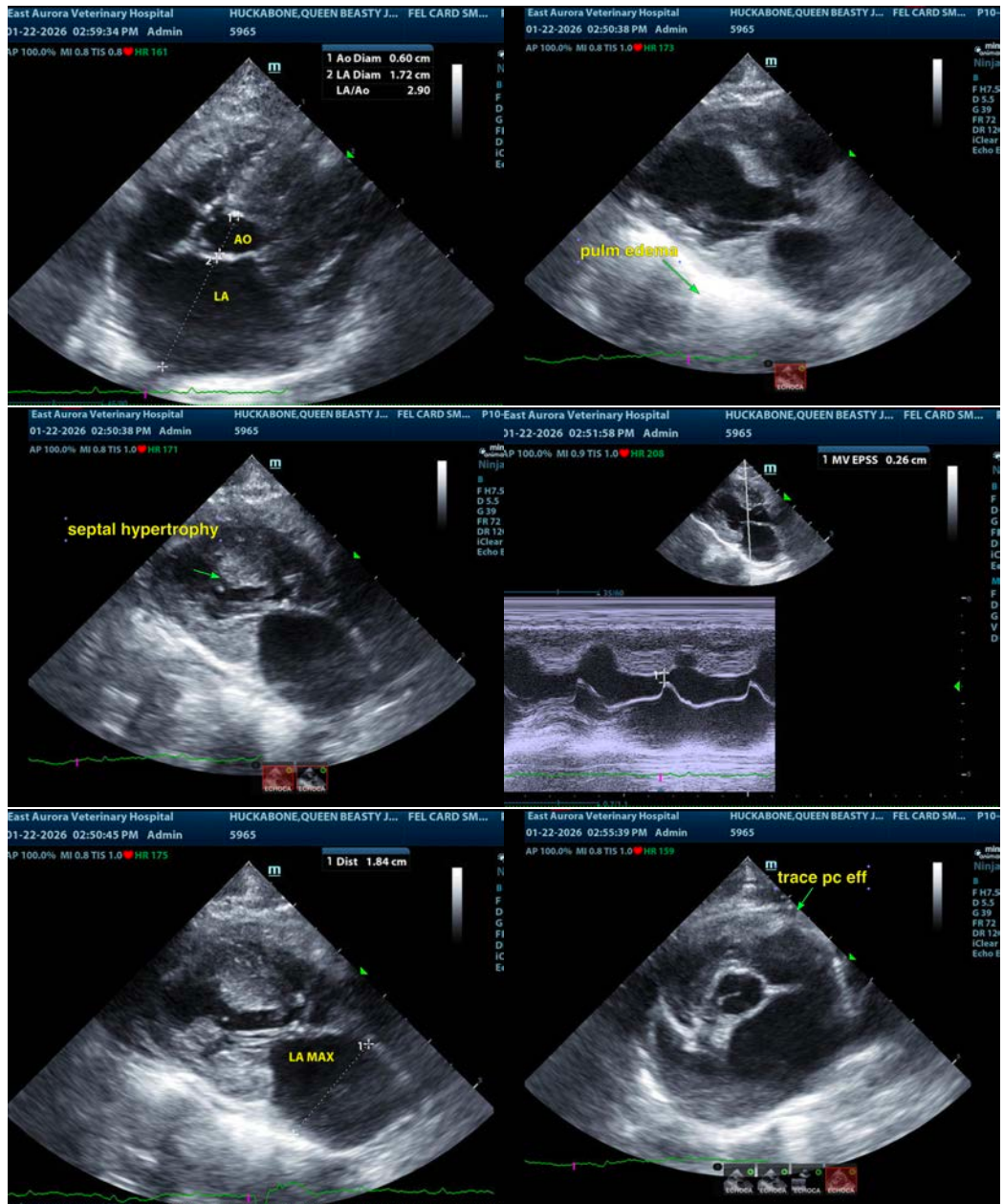
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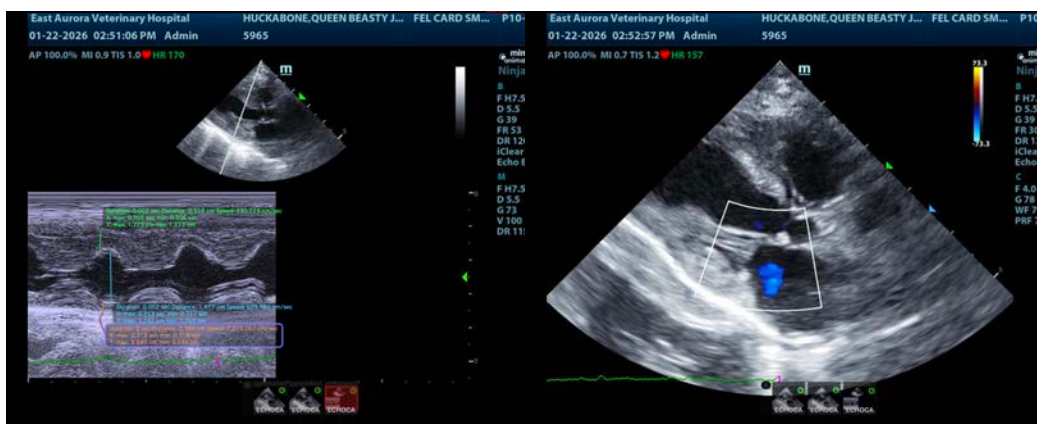
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Owner, Founder -- SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)