


**PATIENT**

Felix Holland

**SPECIES**

Feline

**BREED**

Siamese

**SEX**

Neutered Male

**PRESENTING CLINICAL SIGNS**

NO EXPOSURE TO CONTAGIOUS DISEASES PRESENTED FOR: sneezing and nasal discharge  
 REPORTED SYMPTOMS: Started last week, sneezing occurred first, then nasal discharge (gray in color), and now sounds congested too. She states he sounds like he is having trouble breathing due to congestion. Appetite decreased. VITALS: 8.4 pounds Temperature: 100.0 Heart Rate: 150 bpm Respiratory Rate: 50 bpm Mucous Membrane Color: Pale pink Capillary Refill Time: Unable to obtain due to color of gums CURRENT MEDICATIONS: Revolt EXAM FINDINGS: Expiratory wheeze. Purulent nasal discharge bilaterally. Pale mucous membranes. CRT could not be obtained. Chronically thin, with body score 3-4/9 today, however recently gained weight. Iris atrophy, with lack of pupillary light reflexes bilaterally. In the views that could be obtained on GLOBAL, the heart appeared thickened. LAB RESULTS: Chemistry panel reveals slightly elevated glucose. CBC results reveals a mature neutrophilia, eosinophilia (chronic) with a lymphopenia. The fPLI is normal. Urinalysis results reveal urobilinogen 4, protein 15, abund. amorph. ca. phos., pH 6.5, and Specific Gravity: 1.040 ASSESSMENT AND PLAN: Echocardiogram and chest x-rays are recommended. Bacterial culture and susc. on nasal swab Doxycycline begun pending results.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**
**AGE**

15 Years

**WEIGHT**

8.4 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Holly Burleson, LVT

**HOSPITAL NAME**

All Pets Medical

**REFERRING VET**

Dr. Agnes Rupley

**INVOICE**

41259

**DATE**

9/12/22

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	0.50	1.3	0.55	~50	--
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	~1.4	--	--		--	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							

**Cardiac Presentation**

Septal and free wall thicknesses appeared to be normal to slightly thickened owing to volume contraction and pseudohypertrophy. No evidence of volume overload noted. Left atrial size was subjectively normal. The pericardial and pleural spaces were unremarkable other than the large amount of respiratory interference, likely owing to primary respiratory disease. There is no support for cardiac disease in this patient. Contractility, volumes, chamber sizes, and structure appeared unremarkable. Minor myocardial remodeling noted.

**ULTRASONOGRAPHIC FINDINGS**

- Respiratory interference
- Volume contracted heart



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of volume overload or structural cardiac disease.

**SPECIES**

Feline

**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.**

**BREED**

Siamese

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.

**SEX**

Neutered Male

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**

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

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