



PATIENT

Toon Scerbo

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

14 years

WEIGHT

5.73 lbs

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP (CFM), Cert.
 IVUSS, CEO of
 SonoPath.com

IMAGING PERFORMED BY

Vincent Ravancho,
 CVT

HOSPITAL NAME

Lake Hopatcong AC

REFERRING VET

Dr. Navarro

INVOICE

74300

DATE

4/8/26

PRESENTING CLINICAL SIGNS

History: *Sneezing w/ blood. Congested.

*X-ray skull - sinuses clear, chest-increased density mediastinum

*Current medications - methimazole 5mg 1 BID (owner has trouble giving medications consistently)

Abnormal PE/Chem/CBC/UA Results: Monocytosis 0.71K/uL HCT slightly low - 27.9%

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 thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **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** insufficiency was noted at 2.26 m/sec. 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). Trace pericardial effusion was noted, yet this is non-cardiogenic as there is no volume overload present. Non-cardiogenic pleural effusion was noted in this patient with irregular lung consolidation.

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	5.73 lbs	220					
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	1.4		1.2		1.1	0.7	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

Normal echocardiogram with tricuspid insufficiency.



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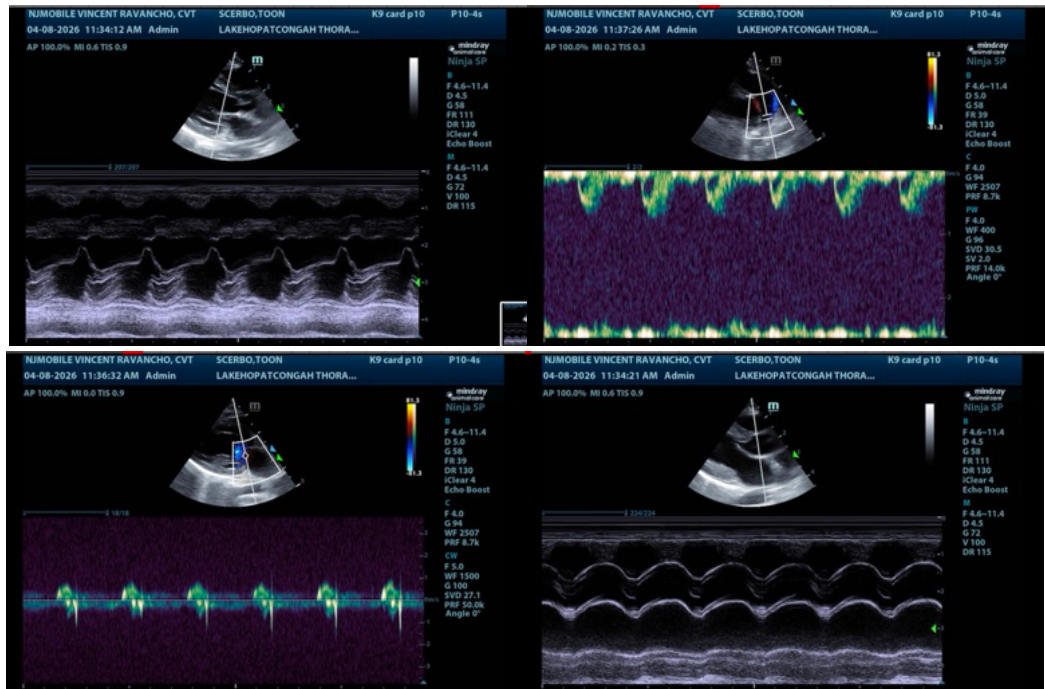
Non-cardiogenic pericardial and pleural effusion. The pericardial effusion may be secondary to the same process that is present in the pleural space.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt masses were noted in this patient; however, I am strongly concerned for a non-cardiogenic pleural effusion/thoracic neoplastic event. An abdominal sonogram is recommended to assess for primary disease that may be metastatic to the chest and/or chest CT would be ideal. Pleurocentesis and cytospin of the pleural fluid is recommended to assess for any exfoliating neoplasia.

ABOUT SONOPATH CT SERVICES:

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/services/vetimaging/>





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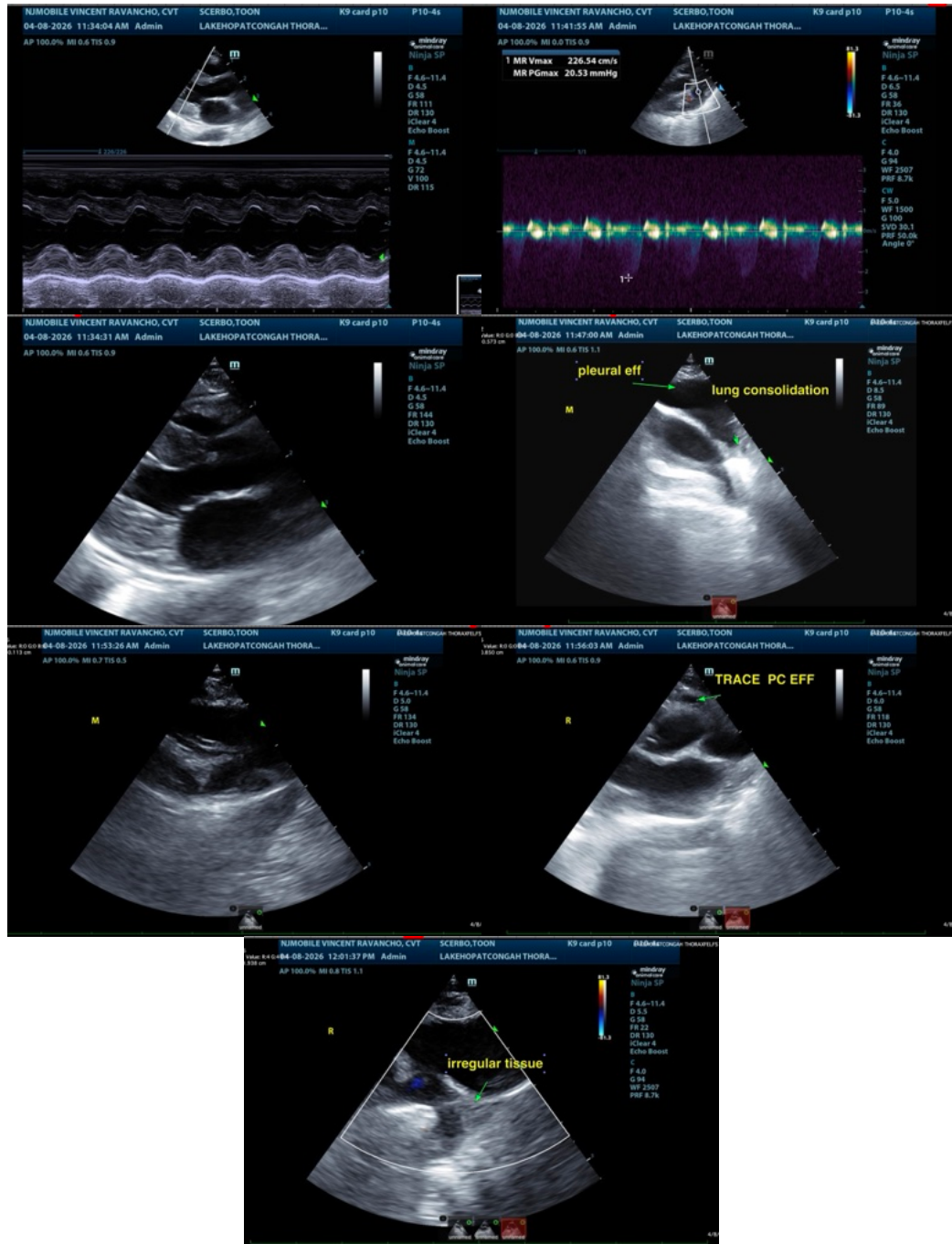
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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