



PATIENT PRESENTING CLINICAL SIGNS

Jango Phizacklea

History: HX of wheezing per O

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: Heart and Lung Auscultation- WNL Radiographs - Submitted to sonopath. Showed slightly enlarged silhouette but could not R/O if fat

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

| BREED | FELINE CARDIAC PARAMETERS | BODY WEIGHT (kg) | HR (BPM) | IVSd (cm) | LVIDd (cm) | LVWd (cm) | FS (%) | EF (%) |
|---------------|---|------------------|---------------------------|--|-----------------|-----------------|-----------|--------|
| DSH | NORMAL PARAMETER | ----- | 150-240 | 0.3-0.6 | 1.0-2.1 | 0.25-0.6 | 35-67 | 80-100 |
| SEX | PATIENT | -- | 200 | 0.56 | 1.42 | 0.6 | 55 | -- |
| Neutered Male | 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/) | |
| AGE | NORMAL PARAMETER | <1.5 | 0.88-1.79 | 0.7-1.7 | <1.6 | <1.3 | 40-60 | |
| 6 | PATIENT | 1.0 | 1.0 | -- | 1.30 | .80 | NM | |
| WEIGHT | Adapted from June Boon, Veterinary Echocardiography, 1998 | | | | | | | |
| 15 | Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705 | | | | | | | |

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Cardiac Presentation

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** 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.

IMAGING PERFORMED BY

Adrienne Waffle

HOSPITAL NAME

Torch Lake VC

REFERRING VET

Dr. Adrienne Waffle

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ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram- no evidence of pathology

DATE

2/17/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

The feline bronchial disease should be considered as primary concerns yet no evidence of cardiac disease present at this time. No evidence of physical adult heartworms.

Jango Phizacklea

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6

WEIGHT

15

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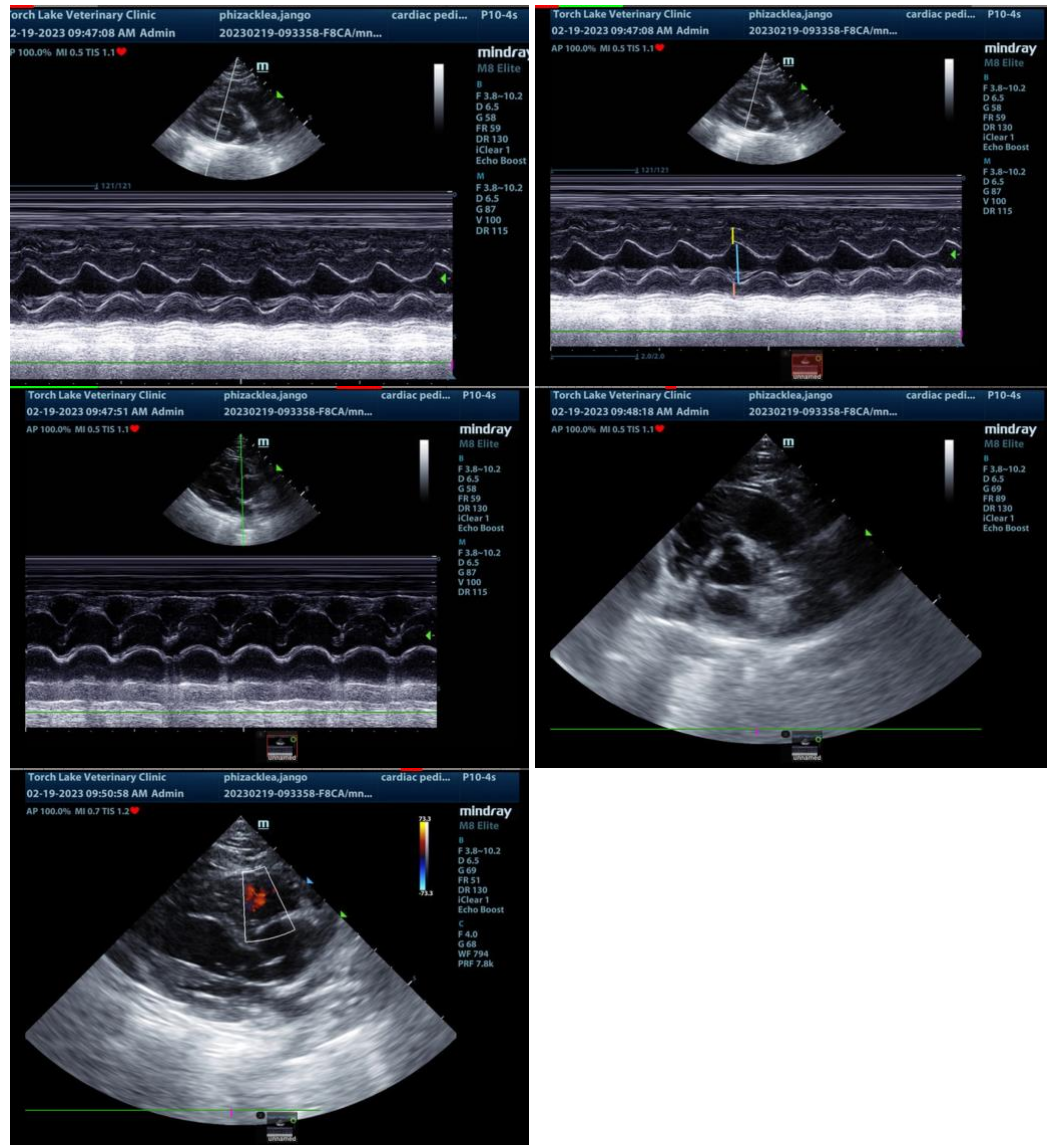
Dr. Adrienne Waffle

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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.

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