



PATIENT PRESENTING CLINICAL SIGNS

Hazelnut Al Humaidi

SPECIES

Feline

BREED

DLH

SEX

Intact Male

AGE

3 Years

WEIGHT

6.4

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Valentina

HOSPITAL NAME

The Veterinary Surgery

REFERRING VET

Dr. Valentina

INVOICE

44096

DATE

7/18/23

Presented for violent sneezing since few weeks. Being on a long course of Amoxicillin and ac clavulanic at 12,5 mg per kg twice a day for 3 weeks, however no improvements has been noticed. The patient is BAR, slightly overweight. He is on Royal canine food plus some homemade food. Being fully vaccinated. Mainly indoor however sometimes goes to the garden. HR 180 Respiratory rate 34. MMc are pink. Heart and lung sound clear. Small amount of mucous is obvious from both nostrils. Retropharyngeal lymph nodes are enlarged. The sound or the throat is harsh and stertorous. The rest of the examination is unremarkable. Body temperature 39.4.

Abnormal PE/Chem/CBC/UA Results: The CBC reveals PCT and PDWc are increased. The x-ray performed in LL projection reveal a marked bronchoalveolar pattern. Also, the larynx area reveals some radiopacity compatible with inflamed soft tissue.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

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		130	0.4	1.8	0.45	35	--
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	--	--	1.0		--	--	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

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



PATIENT

Hazelnut Al Humaidi

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.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram

BREED

The respiratory signs are non-cardiogenic.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DLH

SEX

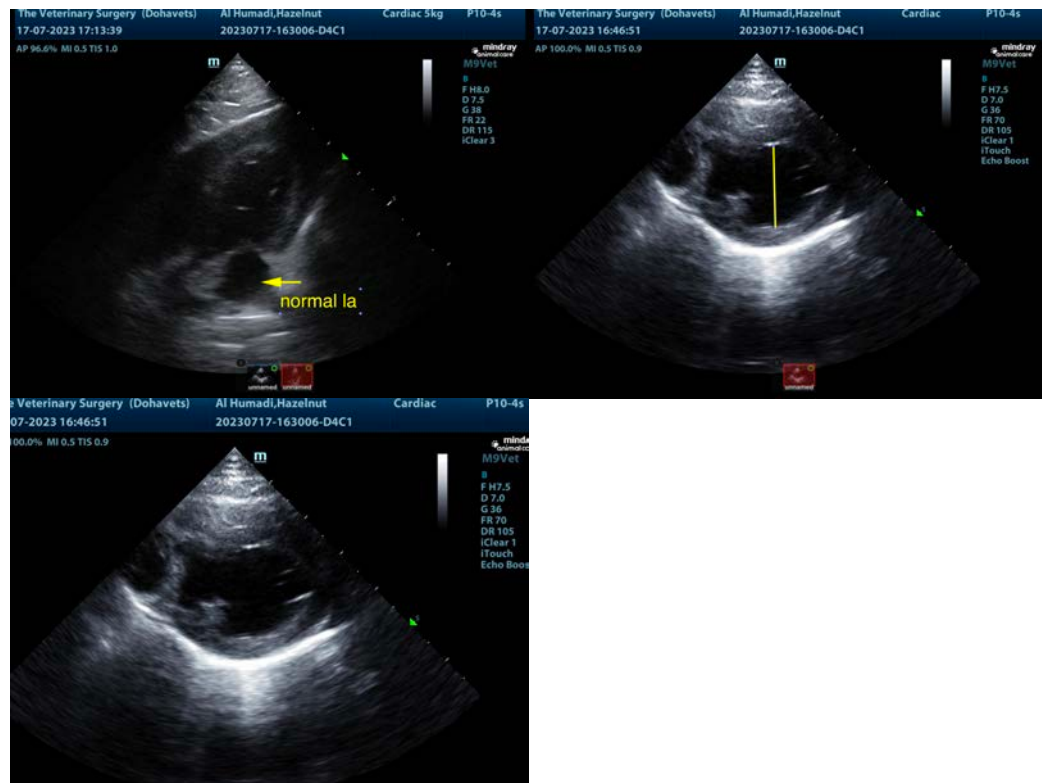
Intact Male

AGE

3 Years

WEIGHT

6.4



INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Valentina

HOSPITAL NAME

The Veterinary Surgery

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.

REFERRING VET

Dr. Valentina

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.

INVOICE

44096

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

DATE

7/18/23

info@SonoPath.com