



PATIENT

Fifi Kadrmas

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

11 Years 2 Months

WEIGHT

12.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue VC

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

21821

DATE

4/3/23

PRESENTING CLINICAL SIGNS

Presented last March 16 due to the lump in chest; coughs a lot when gets excited; PE- 3/6 systolic murmur FNA- lipoma April 3 O reports she gets tired more easily during her walks; has been coughing; mass filled again in ventral chest; no meds; eating and drinking normally; no vomiting and diarrhea; sedated with acepromazine for US, rads, bloodworks chest xray- pending

Abnormal PE/Chem/CBC/UA Results: ALB: 4.6 g/dL ALP: 657 U/L GLU- 115 mg/dL HGB: 19.9 g/dl PLT: 595 10⁹/l

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.3	28-40	40-100	<0.6
PATIENT	--	1.4	1.1	1.4	40	90	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	--	1.40	--	--	2.7	2.1	--

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate methods of LA evaluation. Minor mitral insufficiency was noted on color flow and spectral doppler. 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 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. Minor tricuspid insufficiency was noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** 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. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- B-1 valvular disease



PATIENT

Fifi Kadrmas

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

11 Years 2 Months

WEIGHT

12.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue VC

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

21821

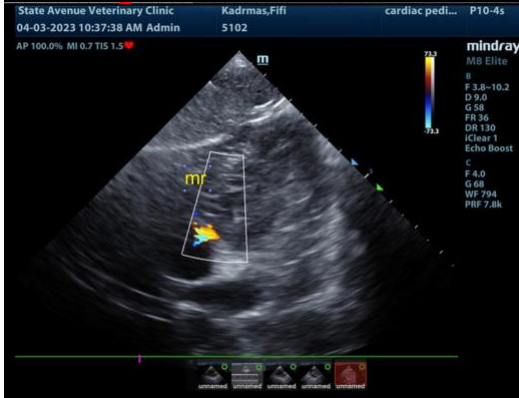
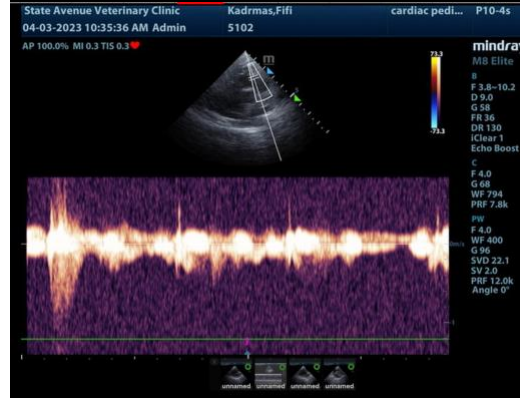
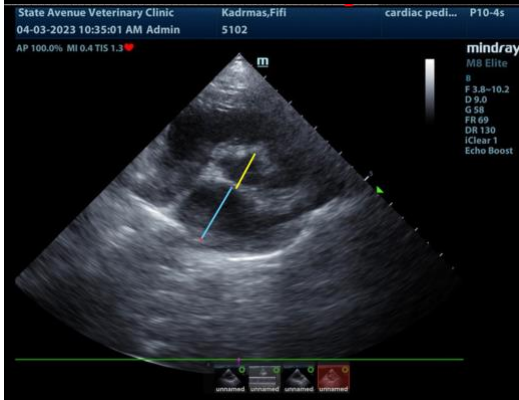
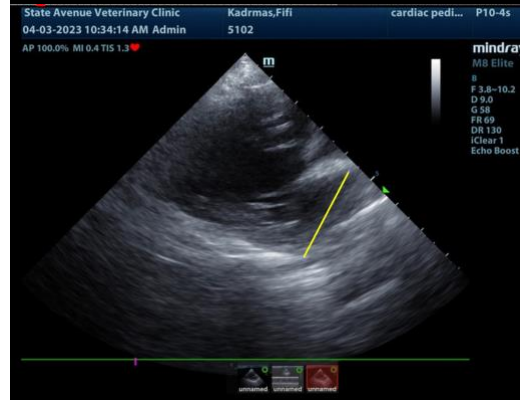
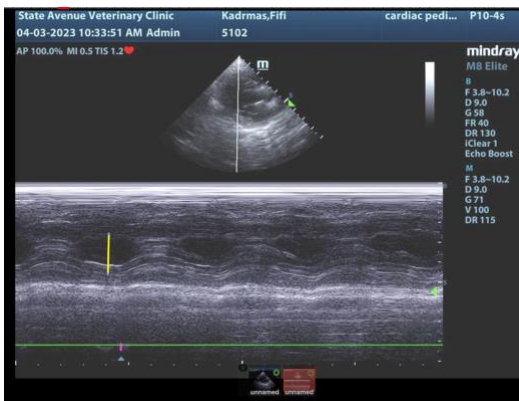
DATE

4/3/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cough is noncardiogenic in this patient. No cardiac medications are recommended. Primary respiratory protocol is indicated.

The heart is stable without clinical disease. No overt contraindication for anesthesia of brief to moderate duration. I suggest Torbutrol premed, Propofol induction, Isoflor maintenance or similar protocol if anesthesia is desired. Blood pressure recommended if not already performed and target white coat negative systolic pressure of < 160 mmHg. If higher than this ACE-inhibitor is suggested to reach this level. Recheck echocardiogram is recommended in 6 months, earlier if murmur grade increases or clinical signs initiate.





PATIENT

Fifi Kadrmas

SPECIES

Canine

BREED

Maltese

SEX

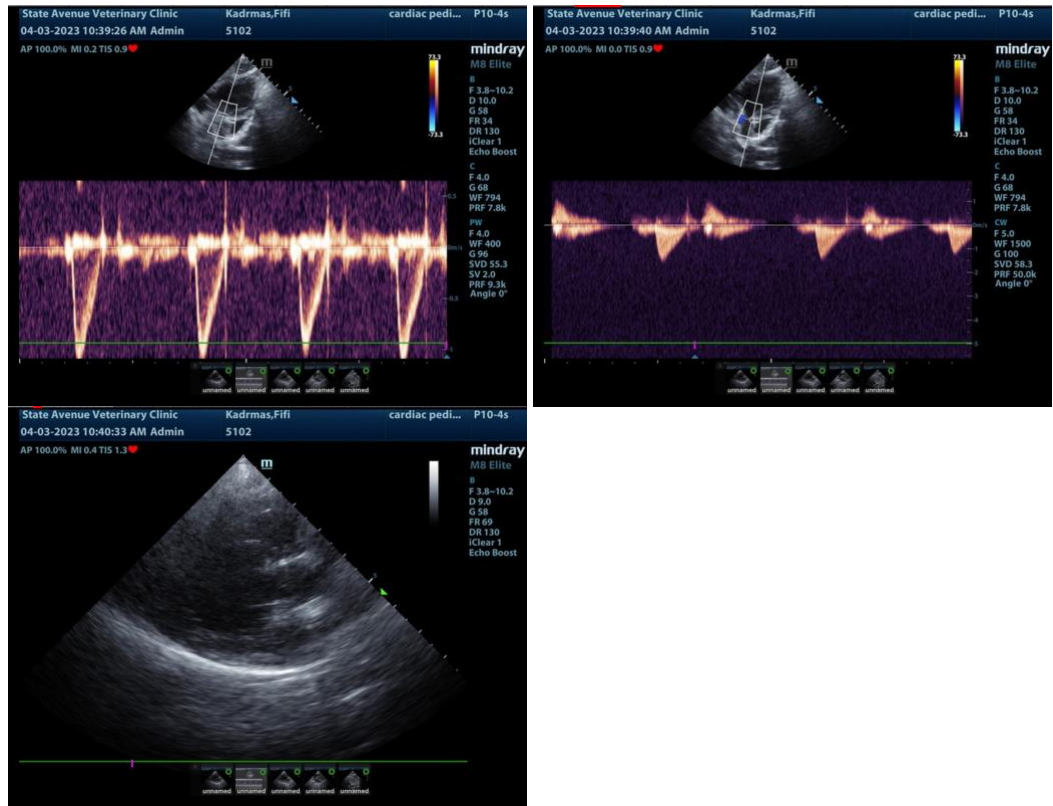
Spayed Female

AGE

11 Years 2 Months

WEIGHT

12.6 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jessie Evoniuk

HOSPITAL NAME

State Avenue VC

REFERRING VET

Dr. Jessie Evoniuk

INVOICE

21821

DATE

4/3/23

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.

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