



**PATIENT**

Julie Kechichian

**SPECIES**

Canine

**BREED**

Pomeranian

**SEX**

Spayed Female

**AGE**

6 Years

**WEIGHT**

4.7 kg

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Samad Khan

**HOSPITAL NAME**

The Veterinary Surgery

**REFERRING VET**

Dr. Samad Khan

**INVOICE**

44245

**DATE**

1/15/23

**PRESENTING CLINICAL SIGNS**

Julie is having exercise intolerance and needs cystotomy sorry for image quality as she was panting even after giving butorphanol x-ray also attached.

**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	<1.6	28-40	40-100	<0.6
PATIENT			1.0		35		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	BELOW	BELOW	BELOW	BELOW
PATIENT	~130					1.95	

**Cardiac Presentation**

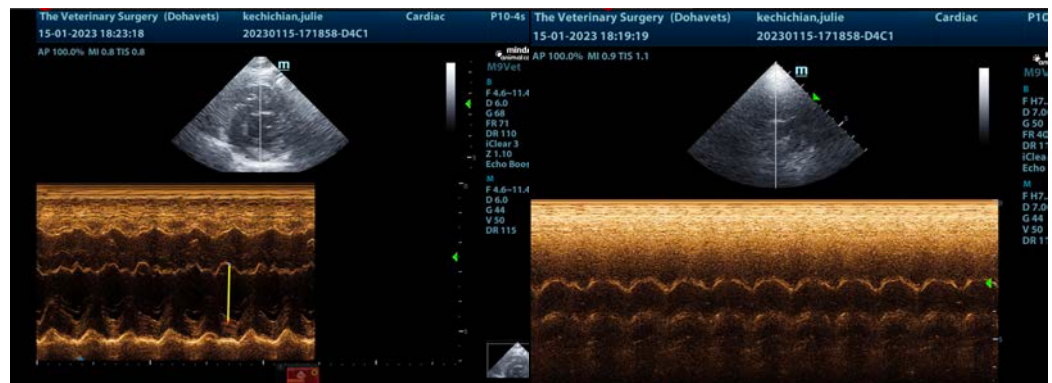
Multiple video clips submitted with a large amount of respiratory artifact. The left ventricular presented normal volume and contractility. The visible chambers were unremarkable. Normal left atrial size.

**ULTRASONOGRAPHIC FINDINGS**

- Normal echocardiogram with a large amount of respiratory artifact

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of functional cardiac disease to be responsible for the exercise intolerance. No overt contraindication to anesthetic procedure. Note that interpretation was somewhat limited owing to respiratory artifact and poor acoustic window. However, I can say that cardiac volumes and function were normal.





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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.

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

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