



PATIENT

Snoopy Mutone

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Neutered male

AGE

10 years

WEIGHT

14.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carla

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET

Dr. Casulli

INVOICE

76030

DATE

7/10/23

PRESENTING CLINICAL SIGNS

History: Had double cavity ultrasound completed on 12/9/2022. This is for a recommended Echo recheck. Snoopy was given Trazodone 50mg 1 tab po prior to scan. Current meds: Gaba 100mg 1 tab po bid, galliprant 20mg 1/2 tab po sid, adequan injectable.

Abnormal PE/Chem/CBC/UA Results: 6/17/2023: ALT 135 (increased), Platelet count 409 (increased), Neutrophils 83 (increased), Lymphocytes 10 (decreased), EOS 1% (decreased).

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented normal **left atrial** size with compensated **mitral** insufficiency. Contractility of the left ventricle was adequate. Complete filling of the left atrium was noted. 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. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinesis. 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.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base;)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	5.0		1.15	1.4	45		0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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				14.8 lbs	3.0 max	2.0	

ULTRASONOGRAPHIC FINDINGS

Compensated mitral insufficiency.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend continuation of the current protocol.



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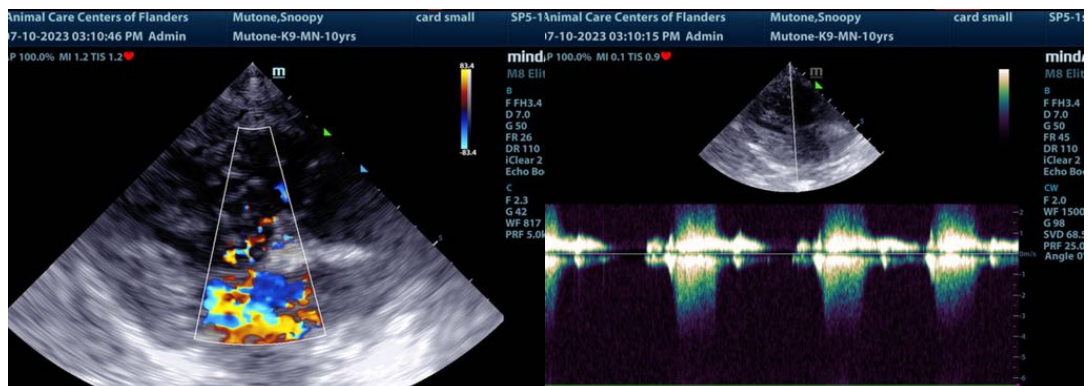
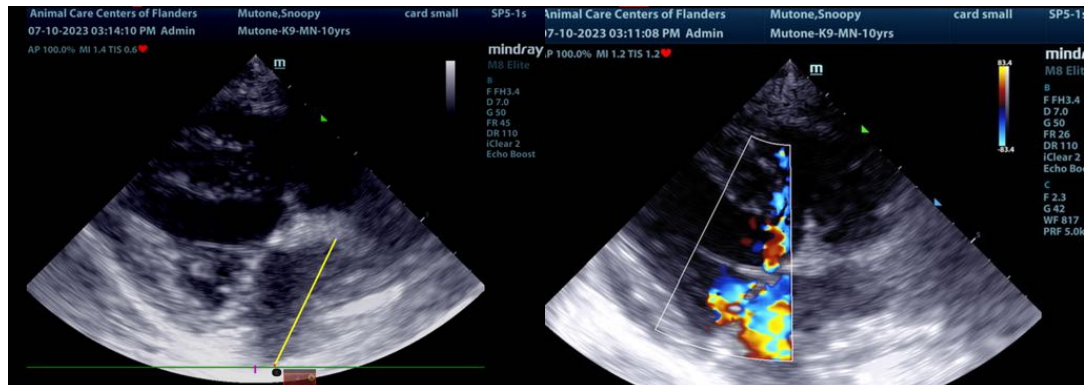
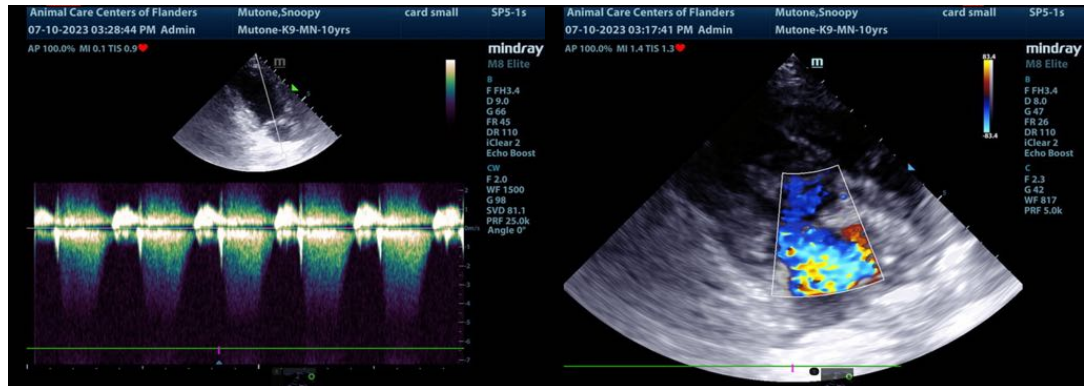
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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