

PATIENT PRESENTING CLINICAL SIGNS

Mitzi Young Grade 3/6 cardiac murmur detected. • P's previous veterinarian radiographed her chest and prescribed Vetmedin and Cough Tablets Heart Rate and Respiratory Rates HR: 137 RR: 40 Blood Pressure Measurements BP: 96/60 (78)

SPECIES Abnormal PE/Chem/CBC/UA Results: Current Medications Vetmedin Tablet 1.25mg 1 tab BID

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

BREED The **left atrium** was at the upper limits of normal to slightly enlarged in this patient primarily in the LA max measurements. Prolapse of the anterior **mitral** valve leaflet was noted. Doppler indicated measurable insufficiency. The **left ventricle** presented 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 aortic outflow velocity was normal, yet aortic insufficiency was noted at 5 m/sec. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** insufficiency was noted.

Spayed Female 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. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

AGE 14 years

WEIGHT 14 lbs

INTERPRETED BY
Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Jenna Walsh, CVT

HOSPITAL NAME
For the Love of Pets

REFERRING VET
Dr. Jernstedt

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	6.6	2.66	1.54	1.31	60	91	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				
PATIENT	120	1.42		14 lbs	3.5	2.43	

DATE
12/22/21

Invoice
94836



PATIENT

Mitzi Young

ULTRASONOGRAPHIC FINDINGS

Stable stage B2 valvular disease with minor mitral valve prolapse.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient has no clinical sign then I recommend a recheck echocardiogram in 3-6 months. Blood pressure measurements should be evaluated every 3 months to ensure that systolic pressure remains under 160. Otherwise, the current treatment should be continued. If the patient is coughing currently then it is not cardiogenic as the left atrial size is well contained even though it is slightly enlarged based on normal measurements for this size patient and breed.

BREED

Poodle Mix

SEX

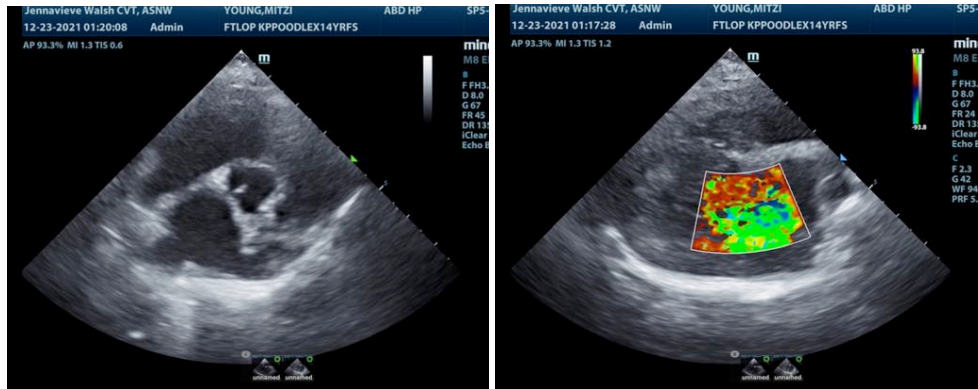
Spayed Female

AGE

14 years

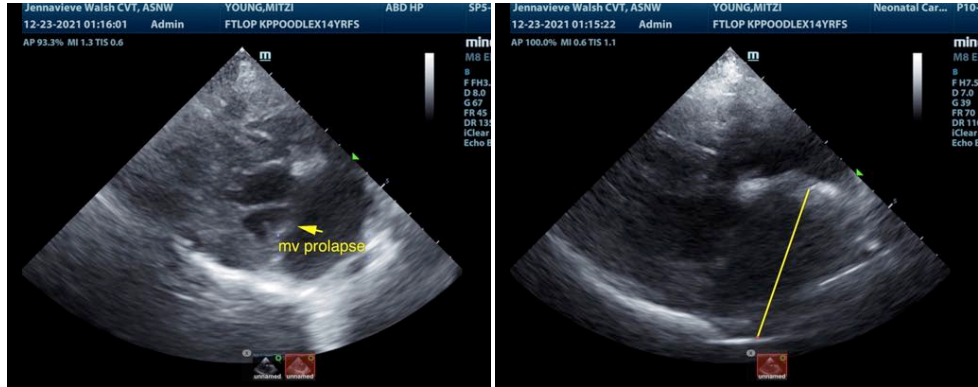
WEIGHT

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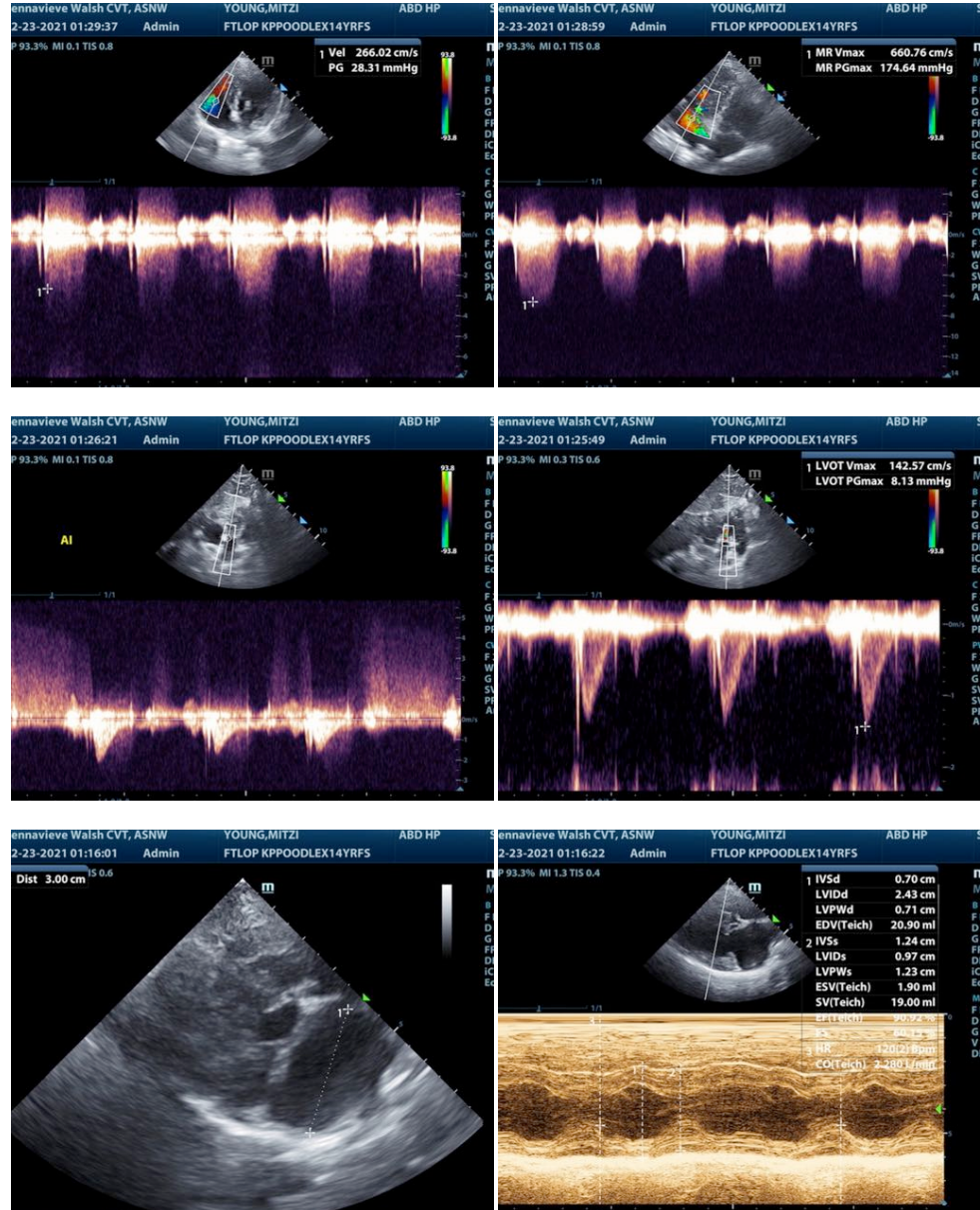
REFERRING VET

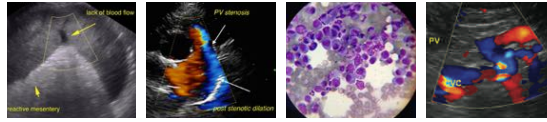
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PATIENT

Mitzi Young

SPECIES

Canine

BREED

Poodle Mix

SEX

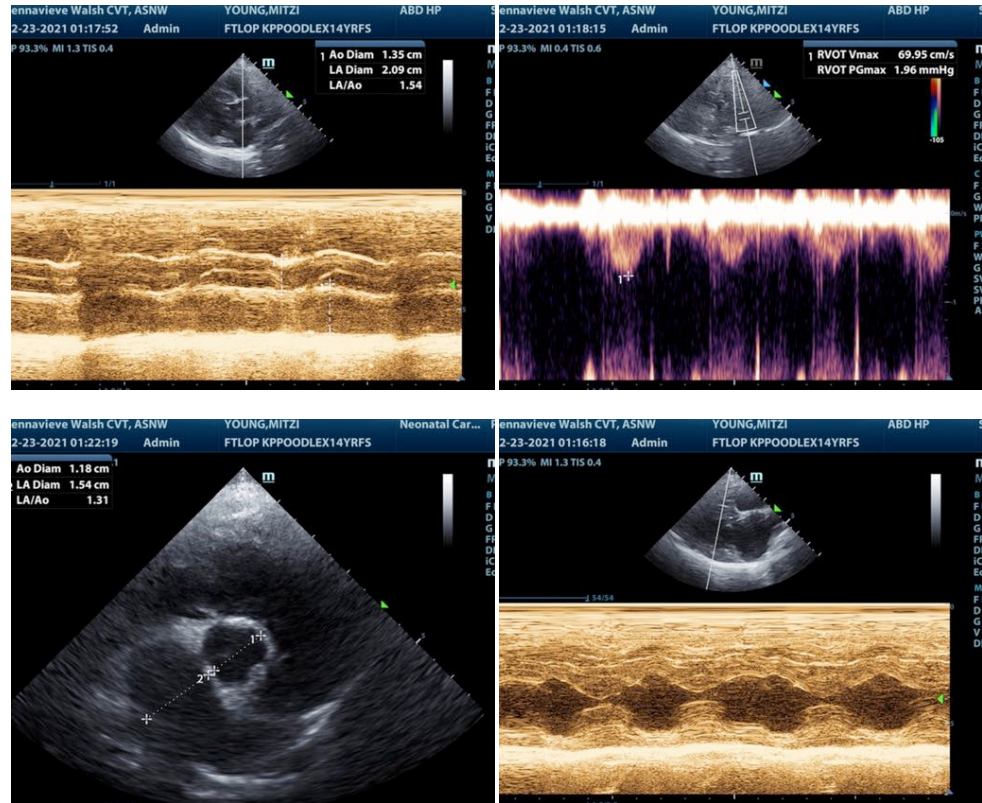
Spayed Female

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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS

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