

Combo ECG and X rays and Echo Congenital consult 72 hours.

Name	MULLEN, BRITTANY	MRN	AAHMULLEN	Date	1/20/2025
Breed	Maine Coon.	Species	Feline.	Sex	F.
DOB	2 years	Weight	5.04 kg		
rDVM	Portable Animal Western Sonography Inc/Loetitia Saint-Jacques, RVT, LVT/ Cardiac Diagnostic Imaging Technician. Alpine Animal Hospital.				

Observations

Presenting Complaint (rDVM provided):	No heart murmur- Cardiac workup to assess the heart for breeding program.
Salient Labwork/Diagnostic Findings (rDVM provided):	Attached files of labwork/records to this report or emails of patient history/records sent outside of submission form will not be reviewed. Radiographs and ECG attached for review.
Source of Diagnostic studies/images provided for interpretation:	rDVM.
Quality of Exam (as interpreted by DACVIM cardiologist):	Adequate study quality. All structures could be visualized.
Left Ventricle:	Normal cavity size. Normal global systolic function. Normal wall thickness. Diastolic function cannot be assessed due E:A wave fusion due to tachycardia.
Left Atrium:	Normal size. No spontaneous echogenic contrast identified in images provided.
Mitral Valve:	Structurally normal with no evidence of stenosis and no significant regurgitation visualized. No systolic anterior motion of the mitral valve noted on 2D or color Doppler imaging.
Right Ventricle:	Right ventricular size is normal, subjectively. Subjectively normal wall thickness. Right ventricular systolic function is subjectively normal.
Right Atrium:	Subjectively normal size
Tricuspid Valve:	Structurally normal with no evidence of stenosis and trace regurgitation visualized (physiologic)
Aortic Valve:	Structurally normal with adequate leaflet excursion, laminar flow, normal flow velocities and no significant insufficiency.
Aorta:	Normal.
Pulmonic Valve:	Structurally normal with adequate leaflet excursion, laminar flow, normal flow velocities and no significant insufficiency.
Pulmonary Artery:	Normal
Pericardium:	Appears normal. No evidence of pericardial effusion.
Pleural Space:	Appears normal. No evidence of pleural effusion.
Abdominal Cavity:	Hepatic veins appear normal, subjectively. No free fluid noted.
ECG:	Lead I-III and augmented leads ECG at 50 mm/sec and 10 mm/mV; 1/20/25. Normal sinus tachycardia with an average heart rate of 230 bpm. QRS complexes are low voltage in lead II, which may represent normal variation, axis deviation or interference for the recordation of the myopotentials on the surface of the skin (pericardial effusion, adipose tissue, PTE, pleural effusion, space-occupying mass). No evidence of malignant arrhythmias. No evidence of abnormal intracardiac conduction.
Ancillary Diagnostics:	<ul style="list-style-type: none"> • 3 VIEW THORACIC RADIOGRAPHS (L, R LATERALS, VD PROJECTIONS); 1/20/25. • Normal appearing cardiac silhouette. • The pulmonary vasculature is normal in appearance. • Mild, diffuse bronchointerstitial pattern present which may indicate chronic or acute lower airway inflammation. • Normal visible extrathoracic structures. • Cranial abdominal detail is adequate.
Comments:	<ul style="list-style-type: none"> • Thank you for this referral. Due to the nature of teleconsulting dictation/recording, please excuse any typos/errors that may occur during reporting. If information appears erroneous and clinically relevant or the clinical or image interpretation does not parallel your findings, please feel free to contact us with questions/concerns. A physical exam of the patient was not performed. Attached files of labwork/records to this report or emails of patient history/records sent outside of submission form will not be reviewed. • For images/diagnostics obtained by the referring veterinarian/client: The information and recommendations provided are based on the images/diagnostics/history presented by the referring veterinarian/client requesting reporting. No evaluation can be communicated regarding pathology that was not visible in the images, diagnostics and/or video clips provided or related pathology/medications/labwork, etc that was not reported in the history provided. • For images/diagnostics obtained by Cardiac Vet, Inc: The information and recommendations provided are based on the history presented by the referring veterinarian. No evaluation can be communicated regarding pathology/medications/labwork/diagnostics, etc that was not reported in the history provided.
Diagnosis:	<ul style="list-style-type: none"> • Structurally normal heart.
Recommended Diagnostics:	<ul style="list-style-type: none"> • No acute diagnostics recommended.
Anesthesia:	<ul style="list-style-type: none"> • There is no evidence of significant cardiac disease present on today's study which would impact anesthetic choices. There is always a small risk associated with any anesthetic episode. Routine

cardiac monitoring is advised (CO2, pO2, ECG, and BP).

Recheck:

- None needed unless signs of cardiac disease or physical examination suggests cardiac disease in the future.

Medications:

- No cardiac medications are indicated.
- Non-cardiac medication(s) should be administered as directed by your primary veterinarian.
- Ensure year-round heartworm prophylaxis.

Monitoring:

- Monitor for any rapid or labored breathing, recurrent coughing, weakness/collapse, lethargy, or pain/paralysis of any limbs. Seek veterinary care if any of these are observed.

Diet:

- No diet restrictions for the heart are necessary at this time. Recommend high-quality commercial food that is not raw, vegan/vegetarian, grain-free, or one that contains a high fraction of legumes/pulses.

Summary and Recommendations

- We are happy to report that echocardiogram revealed a structurally normal heart. No cardiac recheck is indicated unless murmur intensity changes or physical exam, clinical signs or history suggest cardiac disease in the future.

Electronically Signed:



Jonathan Stack, DVM, DACVIM (Cardiology)
Sat Jan 25 2025 1:03:33 PM



2D Measurements

LA Diam LAX	13.40	mm
LA LAX:Ao LAX	Infinity	
Visser Normalized LA Dim	0.81	95 CI 1.19-1.56
LA SAX	13.45	mm
Ao Diam SAX	8.65	mm
LA SAX:Ao SAX	1.55	
LADN	0.81	
IVSd	4.73	mm
LVIDd	16.87	mm
LVPWd	4.34	mm
LVIDs	8.09	mm
LVIDDn	1.05	
LVIDSn	0.49	
Visser Normalized LVIDd	1.01	95 CI 1.14-1.61
Visser Normalized LVIDs	0.43	95 CI 0.56-0.93
% FS 2D	52	%

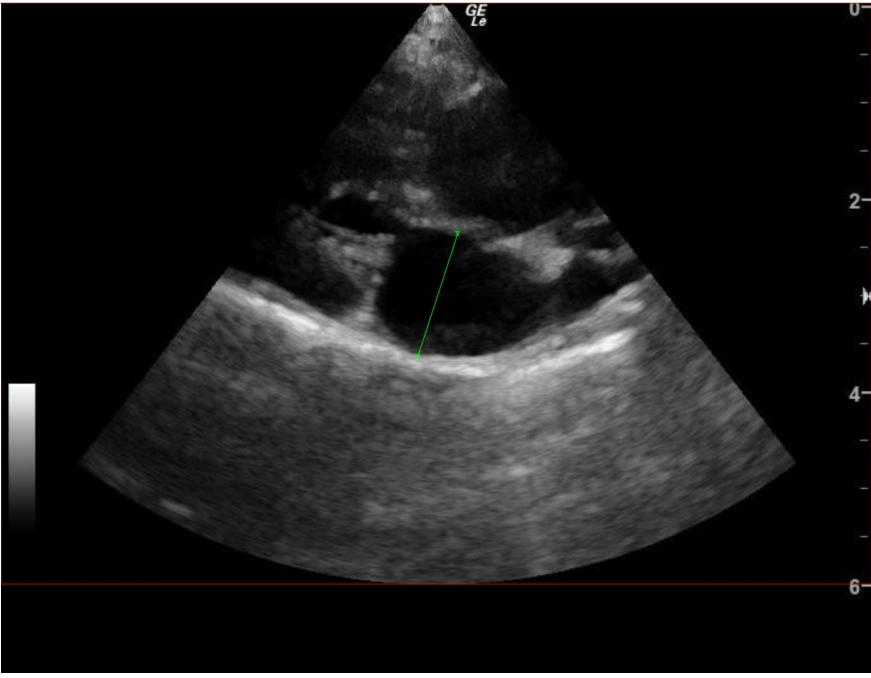
Doppler Measurements- Aortic Valve

Ao V Max	1.00	m/s
Ao Max PG	4.00	mmHg

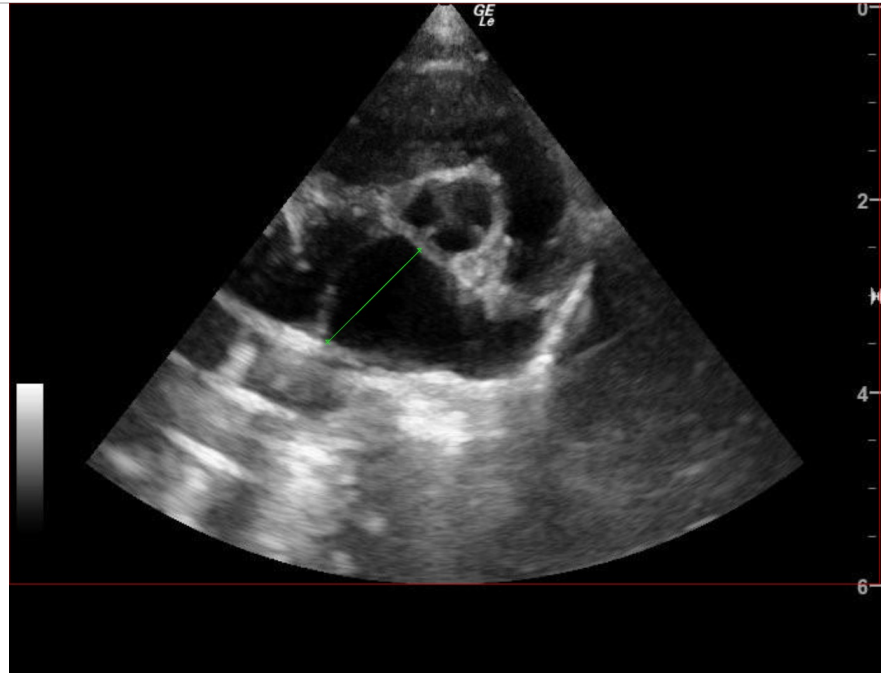
Doppler Measurements - Pulmonary

PV V Max	1.11	m/s
PV Max PG	4.93	mmHg

Captured Measurements



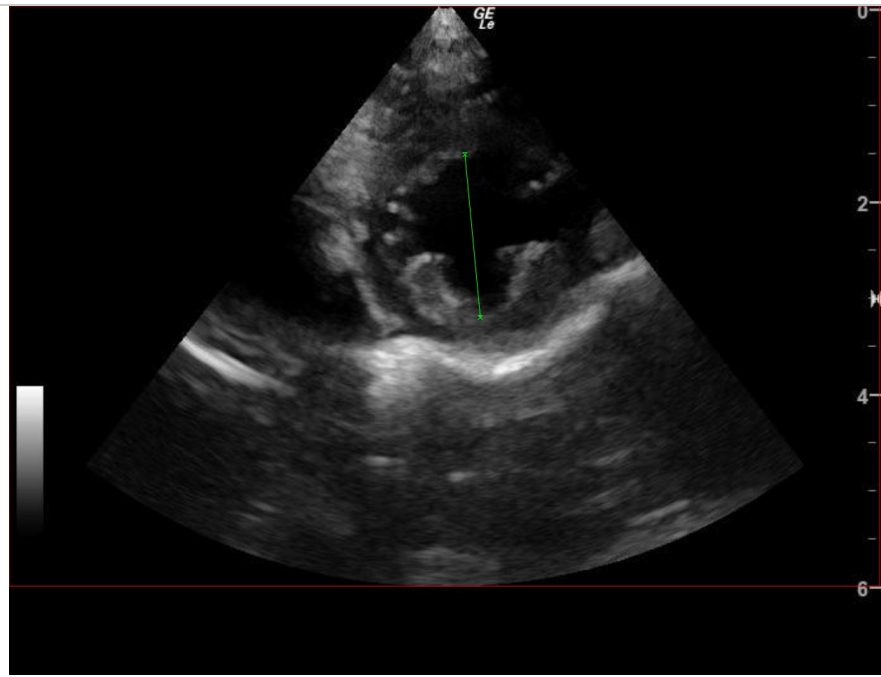
LADim_2D 13.40 mm



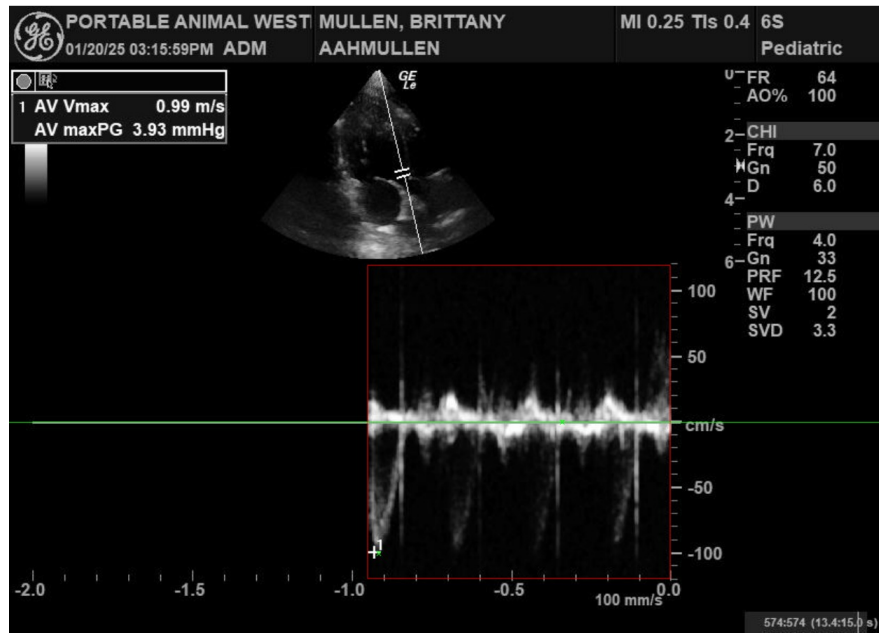
LA_Sax_2D 13.45 mm



AoSAX_2D 8.65 mm



LVIDd_2D 16.87 mm



AoV2Max 1.00 m/s