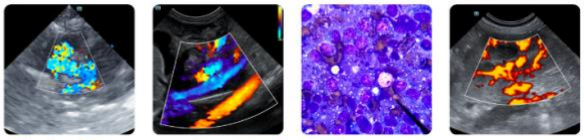


PATIENT

Hansyn Li

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

10 pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ashley McCaughan

HOSPITAL NAME

Marina Village Veterinary & Integrative Care

REFERRING VET

Dr. Ashley McCaughan

INVOICE

14706

DATE

03/27/26

PRESENTING CLINICAL SIGNS

- recent history of inappetence and vomiting (about 1 week ago)
- HM Grade 4/6 left apical systolic.
- Echo to confirm need for medications to start for presumptive MMVD
- Jan 2026 hx of cholangitis/hepatitis hospitalized for 3 days at that time,
- AUS submitted separately for evaluation for liver/GB disease

Abnormal PE/Chem/CBC/UA Results: Weight loss, elevated GGT (14) and ALP (840). BUN 33, CBC nsf. Eating better today but was inappetent yesterday. Started oral Clavacillin/Metro yesterday for presumptive cholangitis/infectious cause.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	**MR VMAX** (m/s)	**TR VMAX** (m/s)	**LA/AO** (M-Mode)	**LA/AO** (Heart Base; Swe)	**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	--	--	1.0	1.4	45	90	0.1
CANINE CARDIAC PARAMETERS	**HR** (BPM)	**AV VMAX** (m/s)	**PV MAX** (m/s)	**BODY WEIGHT** (lbs)	**LAD** LA MAX 4 Chamber	**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	90	--	--	10.0	2.3	2.17	--

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. Prolapse of the anterior mitral valve leaflet was noted. Doppler indicated measurable insufficiency. 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 or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology. 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

PATIENT

Hansyn Li

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

10 pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ashley McCaughan

HOSPITAL NAME

Marina Village Veterinary & Integrative Care

REFERRING VET

Dr. Ashley McCaughan

INVOICE

14706

DATE

03/27/26

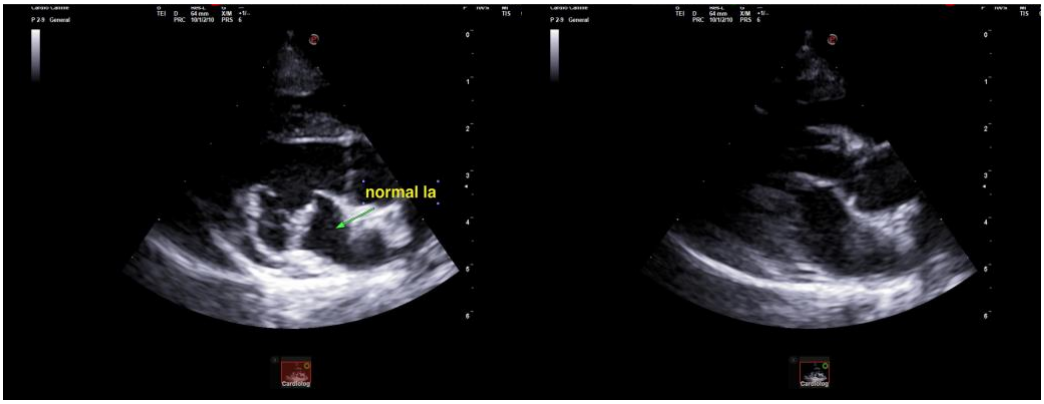
was noted. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

ULTRASONOGRAPHIC FINDINGS

- Stage B1 valvular disease with slight mitral valve prolapse.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The heart is stable without clinical disease. No overt contraindication for anesthesia of brief to moderate duration. I suggest Torbutrol premed, Propofol induction, Isoflo maintenance or similar protocol if anesthesia is desired. Blood pressure, EKG and chest radiographs are recommended if not already performed. 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 6-12 months, earlier if murmur grade increases or clinical signs initiate.



PATIENT

Hansyn Li

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

10 pounds

INTERPRETED BY

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ashley McCaughan

HOSPITAL NAME

Marina Village Veterinary & Integrative Care

REFERRING VET

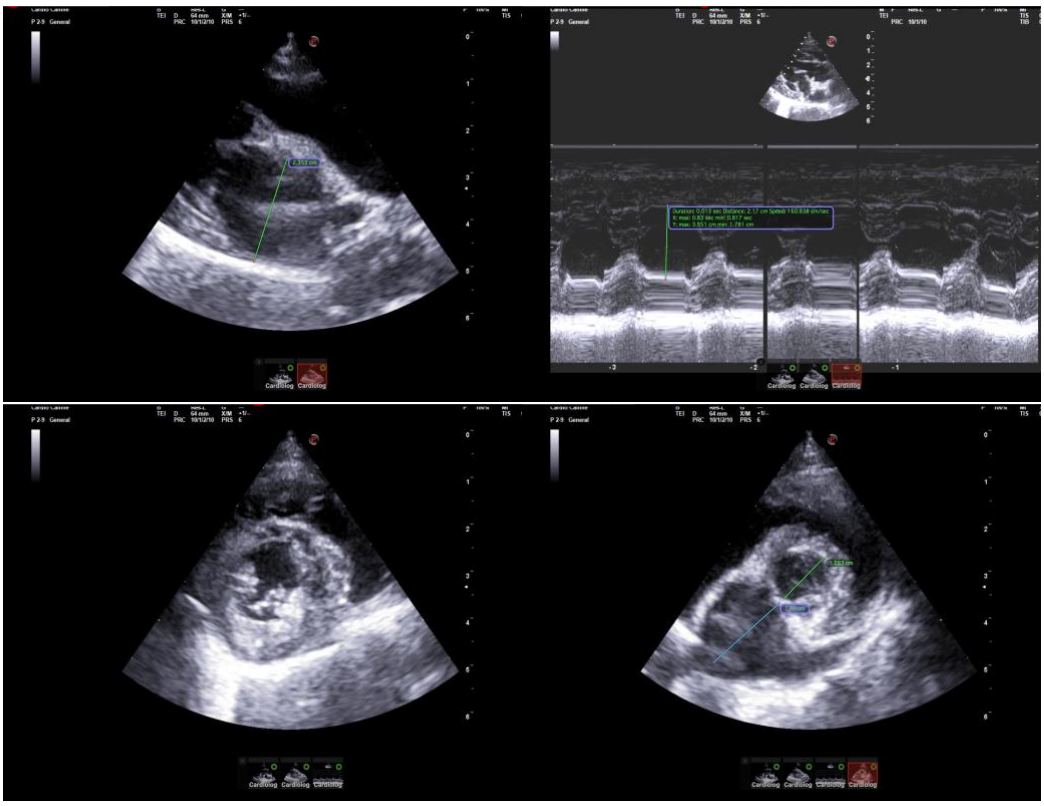
Dr. Ashley McCaughan

INVOICE

14706

DATE

03/27/26



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(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com