



PATIENT

Oscar Fashingbauer

SPECIES

Canine

BREED

Dachshund Mix

SEX

M/N

AGE

14 years

WEIGHT

17.6 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Meredith Swart

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Meredith Swart

INVOICE

16154

DATE

2/14/23

PRESENTING CLINICAL SIGNS

Recheck echo for patient. Still no clinical signs. Still taking pimo 2.5 mg bid.
Abnormal PE/Chem/CBC/UA Results: none reported

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE	MR	TR	LA/AO	LA/AO	FS	EF	EPSS
CARDIAC PARAMETERS	VMAX (m/s)	VMAX (m/s)	(Boon method)	(Heart Base; Swe)	(%)	(%)	(cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.3	28-40	40-100	<0.6
PATIENT				1.6	49	84	0.3
CANINE	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)
CARDIAC PARAMETERS							
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	NM	1.9	1.0		3.1	2.9	

Cardiac Presentation

The echocardiogram in this patient demonstrated mildly enlarged **left atrial** size based on 3 different LA measurement methods. Subtle deviation of the interatrial septum towards the right atrium was present. The cranial and caudal **mitral** valve leaflets presented mild to moderate thickening consistent with endocardiosis. No overt valvular prolapse was noted. Doppler indicated subjective moderate eccentric insufficiency. The **left ventricle** presented thicknesses with linear contour with previously noted mild increased LV volume. 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 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.



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ULTRASONOGRAPHIC FINDINGS

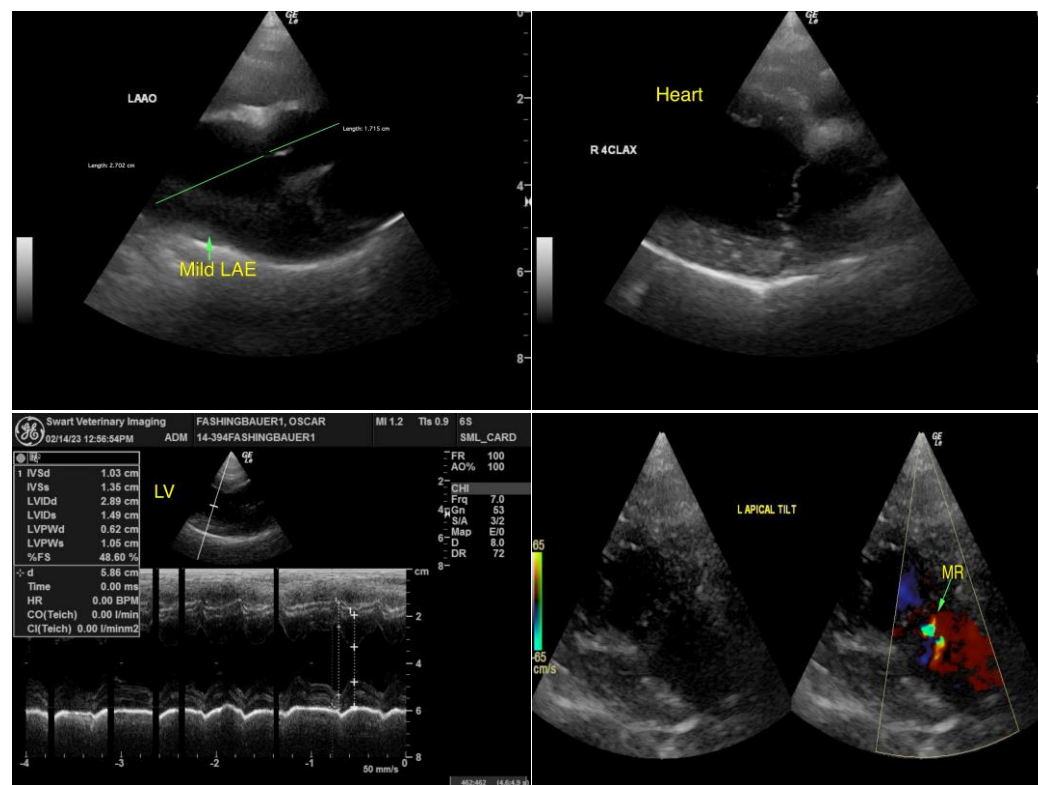
- Chronic mitral valve disease (ACVIM mild B2)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall static cardiac presentation compared to the previous echocardiogram without evidence of progressive LA/LV enlargement.

The overall heart continues to indicate compensation without additional clinical issues such as LV systolic dysfunction or evidence of clinical pulmonary hypertension. Continued Pimobendan at the current dose is warranted given this presentation. Sonographic monitoring is recommended for further prognosis. Recheck echocardiogram is recommended in 6-12 months, sooner if clinical signs arise. No anesthetic contraindications if anesthesia is required.

Suggested anesthetic protocol may include opioid or Benzodiazepine pre-med, induction with Propofol or Alfaxalone, and appropriate gas anesthesia with avoidance of alpha 2 agonists.



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.



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info@SonoPath.com

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