



PATIENT

Odin Lloyd

SPECIES

Canine

BREED

Field Spaniekl

SEX

Male Neutered

AGE

2 years

PRESENTING CLINICAL SIGNS

History: Recheck echo. Asymptomatic. Grade 3/6 left systolic heart murmur. BP: 127mmHg.
 -Current medications: Spironolactone 25mg BID, Vetmedin 6.2 mg BID, furosemide 20mg BID; taurine supplementation.
 -Abnormal PE/Chem/CBC/UA Results: Taurine levels = 79 nmol/L, ProBNP = 8357 pmol/L, troponin I < 0.2 ng/ml.
 -Pertinent previous echo findings (1/2023 MML): Severe LVE: 6.7/5.6, FS; 16%. Severe LAE: 2.4.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Severe left ventricular dilation with diminished systolic function. Decreased LV wall thickness with increased sphericity. Severe left atrial enlargement. The mitral valve appears normal in form and function, with no obvious prolapse into the left atrial lumen. Moderate mitral regurgitation secondary to annular stretch. Normal velocity. Mild tricuspid regurgitation. Mild right atrial and ventricular dilation. Normal velocity. The aortic valve is normal in morphology and mobility. No subvalvular ridge present; normal LVOT velocity. No aortic insufficiency. Normal pulmonic valve with trace pulmonic insufficiency seen. No pericardial or pleural effusion noted. No obvious cardiac tumors.

CARDIAC CHART

WEIGHT

22.1kgs

INTERPRETED BY

Maggie Machen Lamy, DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY

Nigel Gumley, DVM

HOSPITAL NAME

Cedarview Animal Hospital

REFERRING VET

Dr. Bell

INVOICE

28870

DATE

2/8/23

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	4.9	2.0	NM	2.2	15	30	1.7
CANINE CARDIAC PARAMETERS	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)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	80	1.5	1.1	22.1	4.6	6.3	5.4
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
BODY WEIGHT DEPENDENT PARAMETERS				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
<i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i>				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Compared to the prior study, findings are similar which is not surprising given the timeframe. Severe 4 chamber dilation persists secondary MR and TR. No improvement is identified with unchanged left heart dimensions.



PATIENT

Odin Lloyd

Given these findings, continue all medications as prescribed. Prognosis remains poor long-term and serial monitoring is advised.

SPECIES

Canine

Elective anesthesia is not advised due to high risk for complications.

BREED

Field Spaniel

Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit. Monitor for development of a cough, worsening labored breathing, abdominal distention, exercise intolerance or collapse episodes in the future. Monitoring of sleeping breathing rates at home is recommended to assess response to medications and recurrence of CHF in the future.

SEX

Male Neutered

PLAN:

Continue Pimobendan, Furosemide and Spironolactone as prescribed. Continue Taurine supplementation.

AGE

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A recheck echocardiogram is recommended in 6 months to screen for progression, sooner if clinical issues arise in the interim.

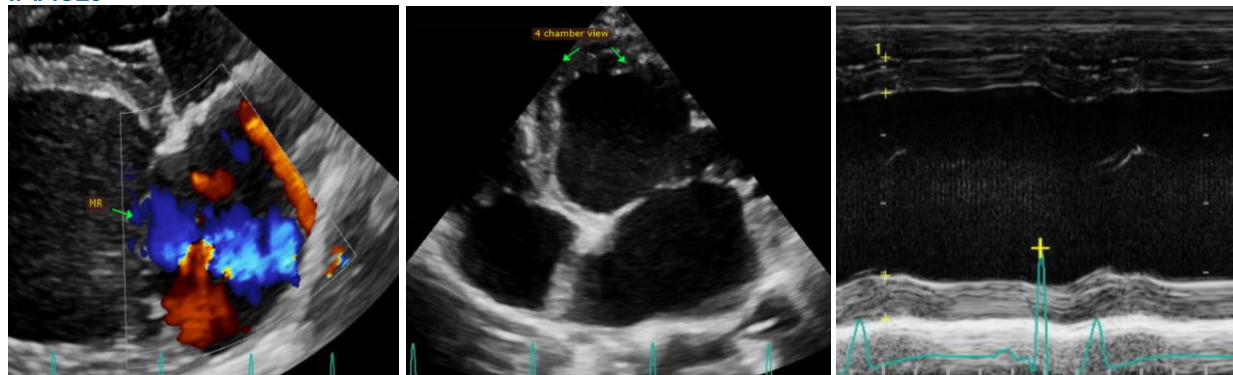
WEIGHT

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IMAGES

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(Cardiology)



IMAGING PERFORMED BY

Nigel Gumley, DVM

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.

HOSPITAL NAME

Cedarview Animal Hospital

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

REFERRING VET

Dr. Bell

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