



PATIENT

Lilly Bellows

SPECIES

Canine

BREED

Lagotto Romagnolo

SEX

Female Spayed

AGE

3 years

WEIGHT

33lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Casper, DVM

HOSPITAL NAME

Hometown Animal
Hospital – Florida

REFERRING VET

Dr. Bellows

INVOICE

46808

DATE

2/12/26

PRESENTING CLINICAL SIGNS

History: CXR showed cardiomegaly, no CHF. BP: 150mmHg. ECG: NSR. Right axis deviation. Elevated BNP: 1191. Possible PU/PD.

ECHOCARDIOGRAM FINDINGS

Limited 2D, m-mode and color flow imaging is available. Mild thickening of the mitral valve leaflets with no prolapse into the left atrial lumen. Trace mitral regurgitation with no left atrial dilation. Normal LV diameter with adequate myocardial function. The tricuspid valve appears normal. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic and aortic valves are normal in morphology and mobility. No pericardial or pleural effusion noted. No obvious cardiac masses.

CARDIAC CHART

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	NM	NA	NM	est. 1.3	28	50	NM	
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	NM	NM	NM	15.0	NM	3.9	2.8	
*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

Limited image set provided. What can be said is there is no obvious evidence of pathology. All four chambers appear normal in dimension with adequate function. Trace MR is hemodynamically insignificant, and no additional issues are identified. It is important to note that this is not considered a complete study, and small abnormalities may have been missed.

A structural cause for NT-ProBNP elevation is not apparent here, making this potentially a false positive result (a known weakness of the test). Other possible causes for elevated levels of the enzyme should be considered, such as significant arrhythmias, hyperthyroidism, systemic



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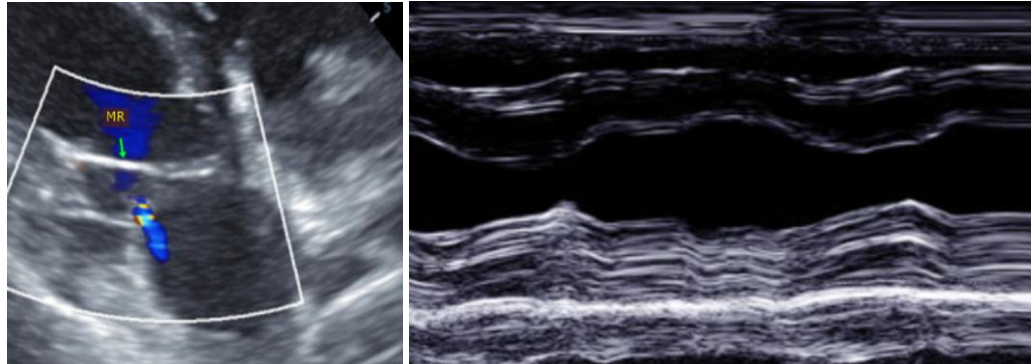
hypertension or renal disease. If no obvious cause is identified, reassessing this patient in 6-12 months is recommended to ensure early disease was not missed.

No cardiac medications are indicated at this time and the prognosis is open. Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

No cardiac contraindication for general anesthesia.

A recheck is recommended in 6-12 months to ensure no progressive issues are identified, sooner should a murmur or any clinical signs of cardiac compromise be noted in the interim.

IMAGES



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. 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.

Maggie Machen Lamy, DVM
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