



PATIENT

Tate Allina

SPECIES

Canine

BREED

Basset Hound

SEX

Neutered Male

AGE

12 Years

WEIGHT

28 Pounds

INTERPRETED BY

Laurent Locquet, DVM
 MRCVS GPCert (VC)
 Diplomate ECVIM-CA

IMAGING PERFORMED BY

Meghan Morse, LVT,
 CVT

HOSPITAL NAME

Kingston AH

REFERRING VET

Dr. Turner

INVOICE

35878

DATE

2/18/26

PRESENTING CLINICAL SIGNS

- Hx of grade II/VI murmur, has seen cardiologist in past, yearly echo
- Hx of hyperparathyroidectomy and ca2+
- Current meds: Pimobendan 3.75mg BID, Cinacalcet SID, Prednisone, Omeprazole
- Abnormal PE/Chem/CBC/UA Results: Increased Ca2+, Decreased Na+

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	5.85	--	1.35	1.31	51	83	NM
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	--	1.95	0.97	28 Lbs	33.8 mm	3.89	1.90

Cardiac Presentation

The mitral valve leaflets are mildly thickened with severe mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular internal dimensions during diastole are within normal limits and systolic function is preserved in the face of mitral regurgitation. There is normal right atrial size without tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic insufficiency. There is mild aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Myxomatous mitral valve disease, stage B-1
- Severe mitral valve regurgitation



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- Mild aortic insufficiency

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Pimobendan can be discontinued. Recheck is recommended in one year, sooner in case of concerns.

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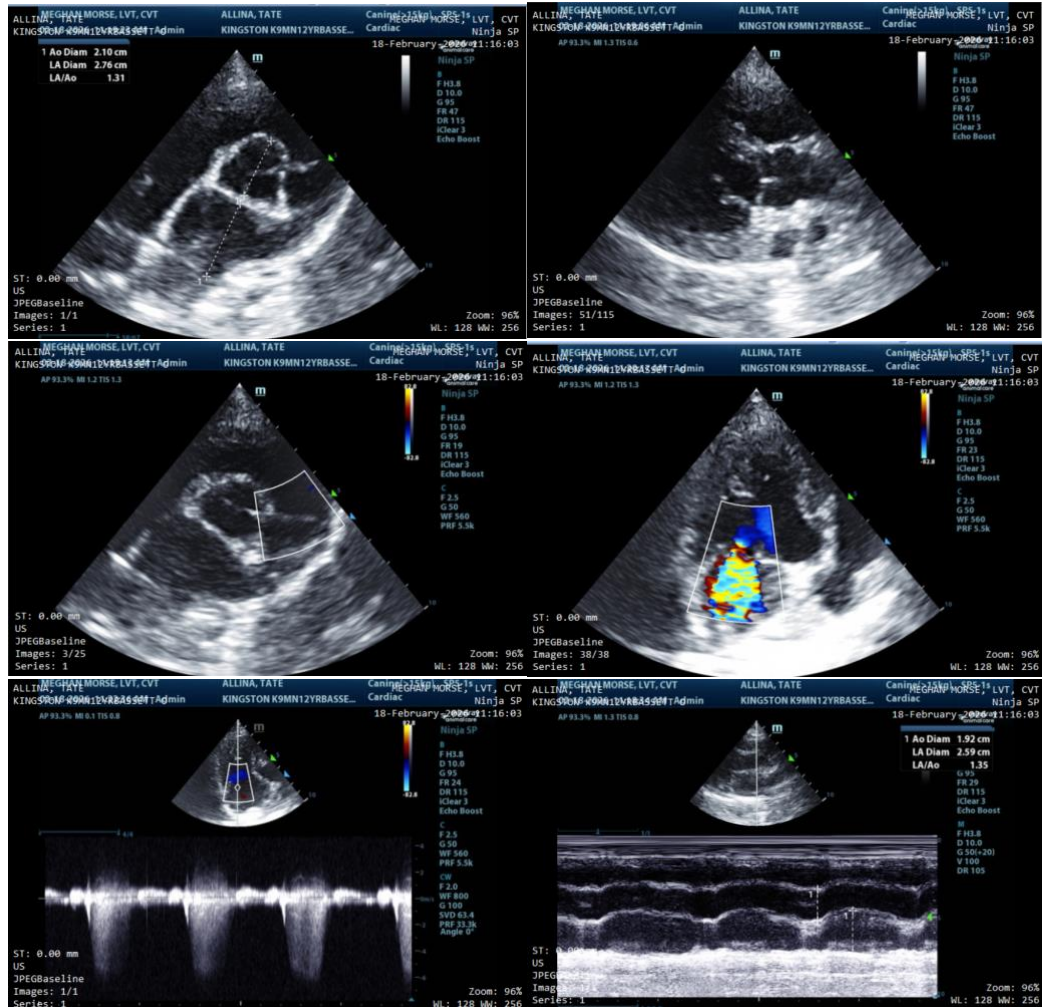
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Laurent Locquet, DVM MRCVS GPCert (VC) Diplomate ECVIM-CA

info@SonoPath.com



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