



PATIENT

James Kelly

SPECIES

Canine

BREED

King Charles Cavalier

SEX

Neutered Male

AGE

7 Years

WEIGHT

23.5 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Meghan Morse, LVT,
CVT

HOSPITAL NAME

VCA HoHoKus AH

REFERRING VET

Dr. Gannon

INVOICE

35969

DATE

12/18/25

PRESENTING CLINICAL SIGNS

History: Pre Sx echo. Asymptomatic but has grade 3/6 HM

Abnormal PE/Chem/CBC/UA Results: ALP 210, Plt decreased but has been historically- likely breed related.

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	5.20	--	NM	1.13	37	68	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	--	1.13	0.50	23.5 lbs	3.25	3.24	2.05

Cardiac Presentation

The mitral valve leaflets are mildly thickened with severe mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflet. 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 with trivial 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 or 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 regurgitation
- Trivial tricuspid regurgitation

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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No medications are necessary. Recheck echocardiogram is recommended in one year.

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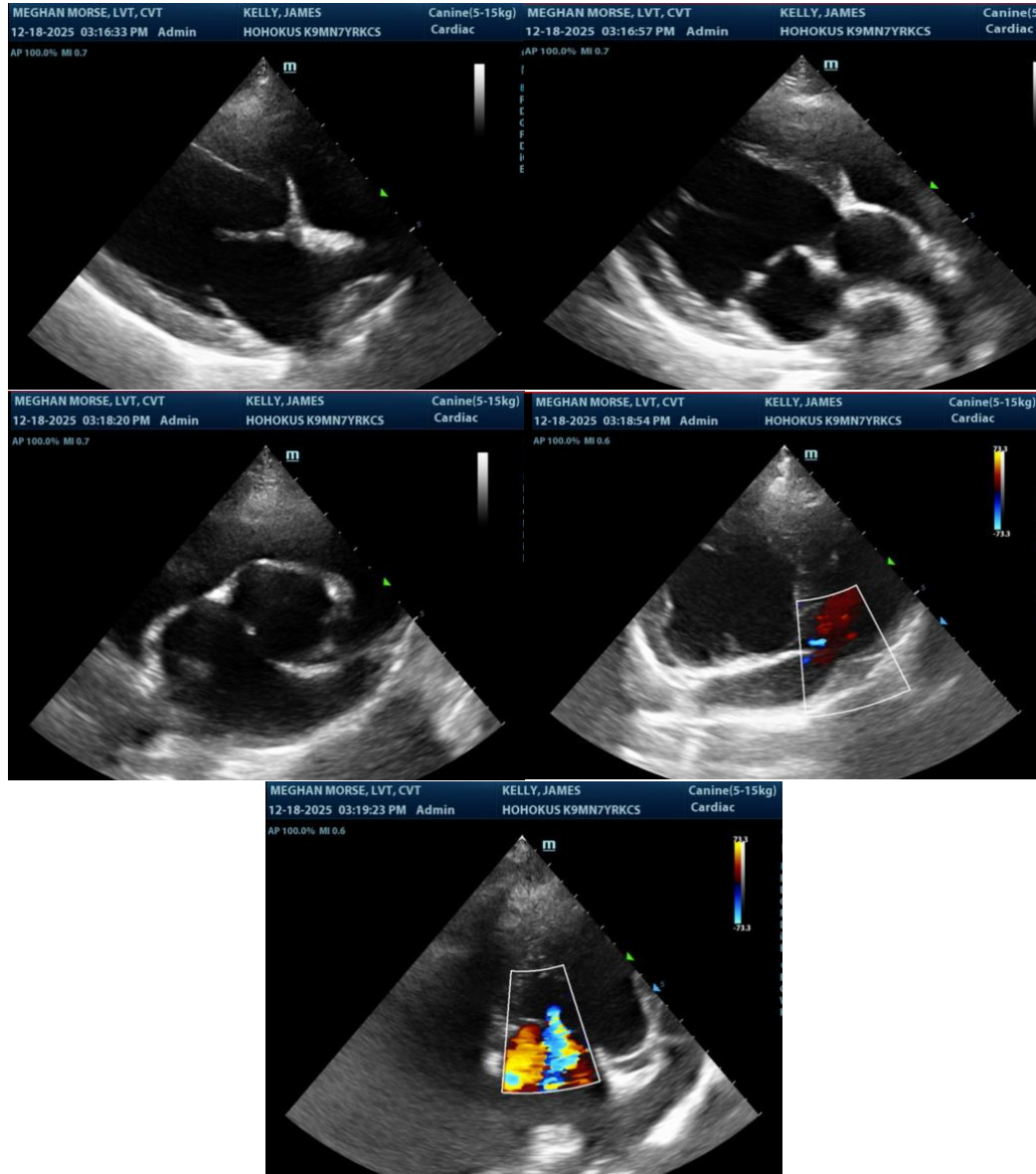
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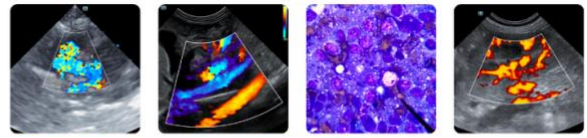
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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



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info@SonoPath.com

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