



PATIENT

Harley Riley

SPECIES

Canine

BREED

Pug

SEX

Spayed Female

AGE

10 Years

WEIGHT

18.4 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Hello Vet Pet WC

REFERRING VET

Dr. Stern

INVOICE

35270

DATE

1/7/26

PRESENTING CLINICAL SIGNS

History: HM left systolic detected this morning before COHAT. HM grade 2.
 Abnormal PE/Chem/CBC/UA Results: HR 140, RR panting.

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	--	--	NM	1.00	43	76	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	--	1.66	1.11	18.4 lbs	2.40	2.27	1.30

ECG Interpretation

Heart rate is approximately 150 beats per minute. Every p-wave is followed by a qrs complex. Every qrs complex is preceded by a p-wave. Qrs complexes are narrow and regular. This is compatible with a sinus tachycardia.

Cardiac Presentation

The mitral valve leaflets are mildly thickened with mild 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 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



PATIENT

- Myxomatous mitral valve disease, stage B-1
- Sinus tachycardia

Harley Riley

SPECIES

Canine

BREED

Pug

SEX

Spayed Female

AGE

10 Years

WEIGHT

18.4 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Hello Vet Pet WC

REFERRING VET

Dr. Stern

INVOICE

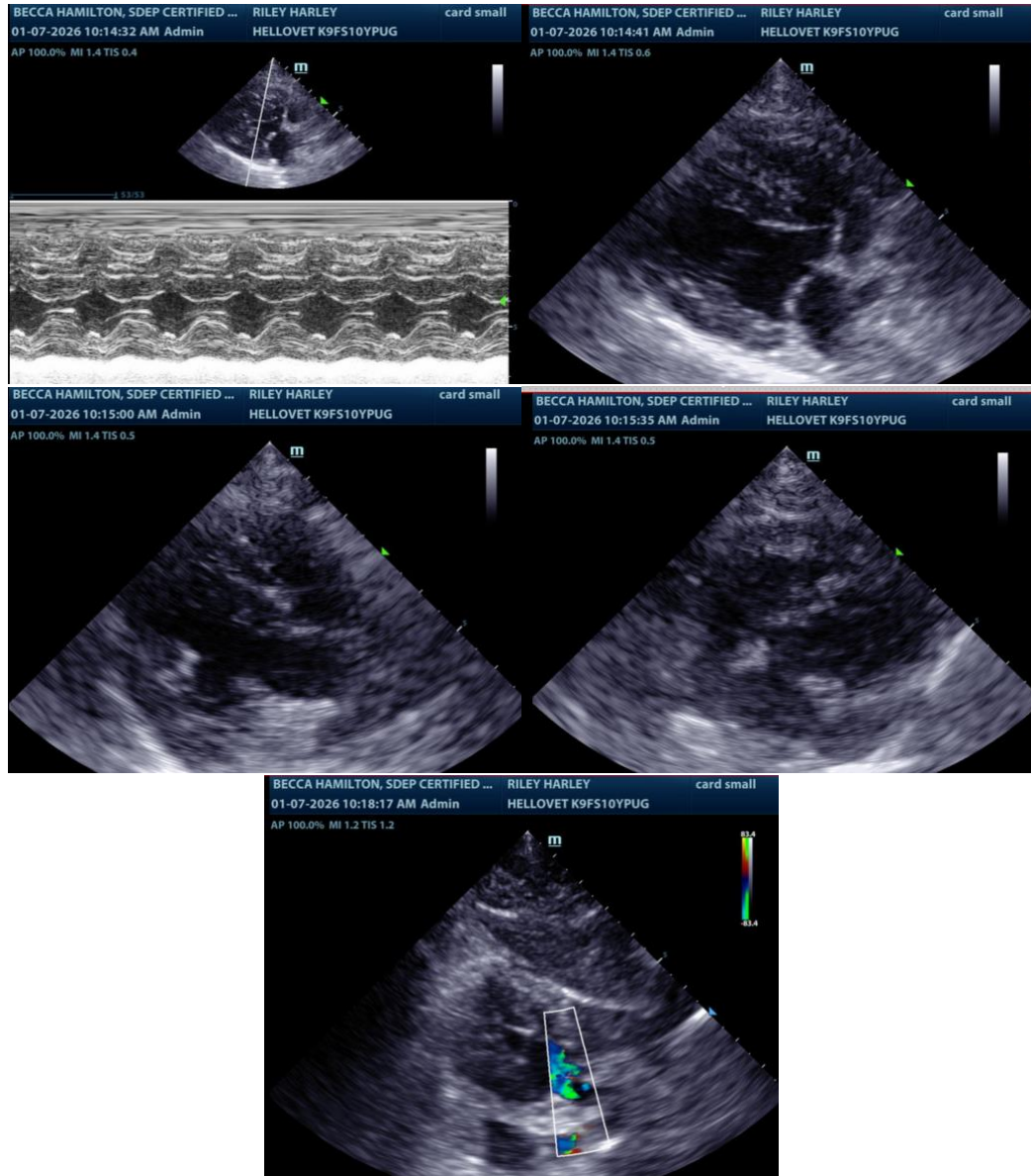
35270

DATE

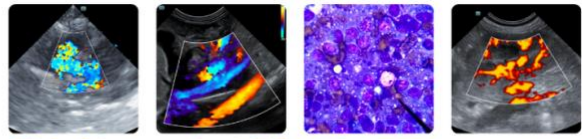
1/7/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Annual recheck is recommended. No medications are necessary.



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology



PATIENT

Harley Riley

SPECIES

Canine

BREED

Pug

SEX

Spayed Female

AGE

10 Years

WEIGHT

18.4 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Rebecca Hamilton

HOSPITAL NAME

Hello Vet Pet WC

REFERRING VET

Dr. Stern

INVOICE

35270

DATE

1/7/26

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