

PATIENT

Ollie Acquadro

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

9 Years 8 Months

WEIGHT

8.75 Pounds

INTERPRETED BY

James Wood, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Andover AH

REFERRING VET

Dr. Vanderbogart

INVOICE

37322

DATE

6/3/26

PRESENTING CLINICAL SIGNS

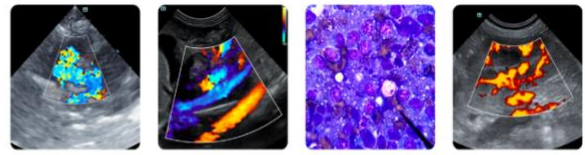
History: HX intermittent coughing fits. Non-productive, Coughs @ rest mostly at night, scheduled for COHAT 6/9/26 pre sx screen. No murmurs prev ausculted, no inducible cough. RO collapse trach vs cardiac vs allergies

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	LA long axis	LAmxN	Ao long axis	LA/AO (Heart Base; Swe, short axis)	LA/AO long axis	LVIDd	LVIDdN
NORMAL PARAMETER		<1.57		<1.6	<2.5		<1.7
PATIENT	1.75	1.14	0.85	1.3	2.06	2.03	1.31
CARDIAC PARAMETERS	Body Weight (kg)	AV VMAX (m/s)	PV MAX (m/s)	MR VMAX (m/s)	TR VMAX (m/s)	FS (%)	LVIDsN
NORMAL PARAMETER		0.7-1.7	0.7-1.6			22 - 49%	<0.9
PATIENT	3.97	0.92	0.84	54.2	--	--	0.54
CARDIAC PARAMETERS	HR (bpm)	MV E (m/s)	MV A (m/s)	MV E/A (m/s)	EF (%)	IVSdN	LVFWdN
NORMAL PARAMETER						<0.6	<0.6
PATIENT	140	0.48	0.37	1.3	63.2	0.45	0.45

Cardiac Presentation

The mitral valve leaflets are equivocally thickened with trace central mitral valve insufficiency. 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 the global left ventricular systolic function is normal. There is normal right atrial size. The tricuspid valve appears normal with no tricuspid valve insufficiency. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonary valves have normal appearance and motion, and the corresponding outflow velocities are within normal limits. There is no evidence of clinically relevant pulmonary hypertension based on the lack of changes to the right heart and proximal pulmonary arteries. There is no evidence of pulmonary or aortic valve 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.



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ULTRASONOGRAPHIC FINDINGS

- Trivial mitral regurgitation- r/o mild MMVD- stage B1
- No echocardiographic evidence of pulmonary hypertension

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The echocardiogram revealed trace mitral valve regurgitation. This could reflect normal variation, however, is more likely early mild degenerative valve disease. No cardiac medications are recommended at this time. Recheck echo in 12 -15 months is recommended or when there is an audible murmur.

No cardiac cause for the cough is identified on this study. Thoracic radiographs are reasonable to rule out underlying airway diseases.

Anesthesia

The risk to anesthesia from a cardiovascular standpoint is considered minimal based on this study, and no alterations to the anesthetic plans are recommended.



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.

James Wood, DVM, DACVIM (Cardiology)

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