

PATIENT PRESENTING CLINICAL SIGNS

Letty Boyce Clinical Exam Findings: Grade 4 heart murmur
 Abnormal lab-work values: Not taken.
SPECIES Blood Pressure Not taken. HR/RR/BP: 130/Panting
 Heart Murmur: Gade 4
 Canine Current Medications Zenrelia, 0.5 EOD, Otomax, PRN

BREED ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Chihuahua Mix	CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
SEX	NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
Female Spayed	PATIENT	6.0	3.0	1.32	1.38	59.88	90.22	0.26
AGE	CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
10	NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
WEIGHT	PATIENT	--	2.0	--	6.0	--	2.91	1.26
13.4 lbs								
INTERPRETED BY								
Camden Rouben DVM, DACVIM (Cardiology)								

Cardiac Presentation

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Countryside AC

REFERRING VET

Dr Cox

Based upon the images provided, the mitral valve leaflets are mildly thickened with mild mitral regurgitation posteriorly directed. There is mild prolapse of the mitral valve leaflets. The left atrial size is normal. The left ventricular internal dimensions during diastole are mildly distended and systolic function is preserved in the face of mitral regurgitation. There is normal right atrial size with mild tricuspid regurgitation. There is no significant prolapse of the tricuspid valve leaflets. No significant evidence of pulmonary hypertension is noted based upon regurgitant velocities alone. The right ventricle subjectively appears normal in structure and function. The aortic 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 are not well-visualized. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses based upon the images provided.

ULTRASONOGRAPHIC FINDINGS

- Degenerative valve disease ACVIM Stage B1 (based upon the images provided)

INVOICE

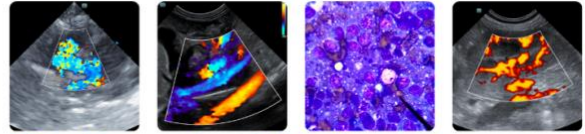
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DATE

12-12-25

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

No cardiac medications are warranted at this time. Since this can be a progressive condition, serial monitoring is recommended. A recheck echocardiogram is recommended in 10-12 months. A sooner recheck is recommended if the patient develops cardiovascular clinical signs or the heart murmur is worsening in intensity.



PATIENT

Letty Boyce

Elective anesthetic procedures should be well tolerated. A blood pressure assessment should be performed on this particular patient. Standard perioperative fluids rates should be well tolerated if anesthesia is warranted. Medications like dexmedetomidine and other alpha 2 agonists are best avoided. Ketamine is also best avoided. Anticholinergics can be used in the face of clinically significant bradyarrhythmia. Activity restriction is not warranted in this particular patient.

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Female Spayed

AGE

10

WEIGHT

13.4 lbs

INTERPRETED BY

Camden Rouben DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

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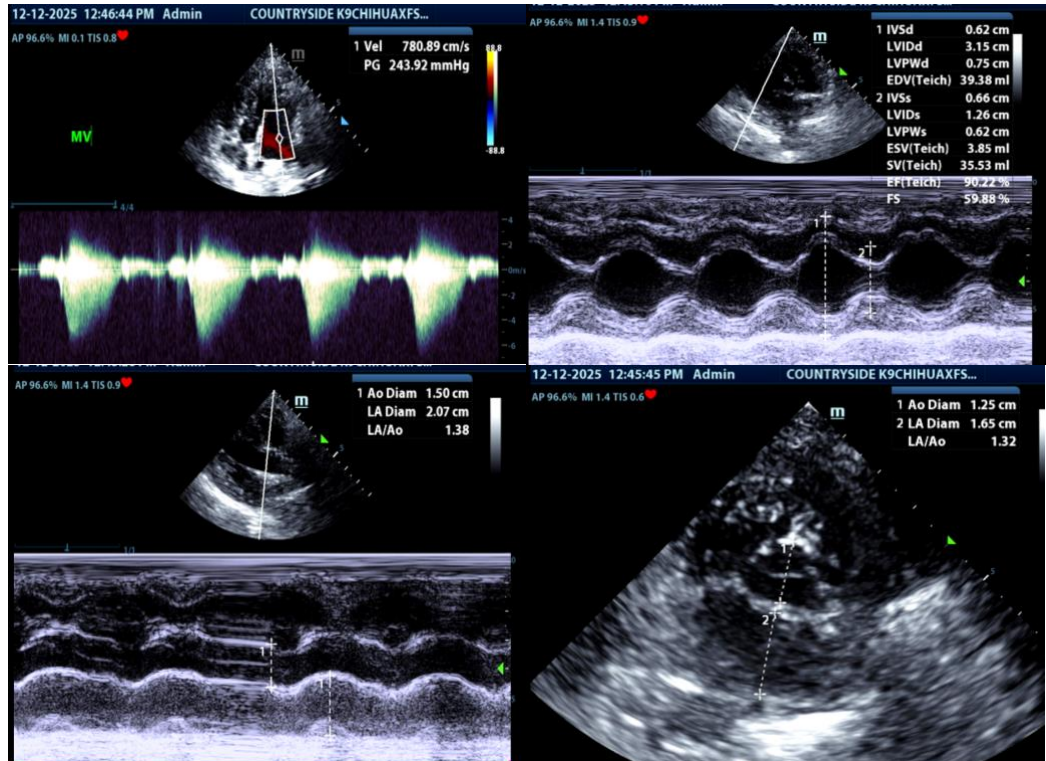
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Camden Rouben DVM, DACVIM (Cardiology)
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