



PATIENT

King Heng

PRESENTING CLINICAL SIGNS

History: Has had a murmur since a puppy. Needs to be neutered. No clinical signs other than heart murmur. Diet: Victor, grain free.

SPECIES

Canine

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

BREED

Pitbull

Left ventricle: The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal. No obvious ridge in the LVOT.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. Mild eccentric mitral regurgitation. Normal velocity.

SEX

Male Intact

Aortic valve/Aorta: The aortic valve appears mildly thickened. Mildly elevated aortic outflow velocity. No aortic insufficiency. The ascending aorta is mildly dilated compared to the root.

AGE

3 years

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

Right atrium: Normal RA dimension.

Tricuspid valve: The tricuspid valve appears normal with trivial tricuspid regurgitation. Normal velocity.

WEIGHT

50.4lbs

Pulmonic valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 120bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.8
LA diam (cm)	2.6
LA:Ao (Swe)	1.4
IVS thickness (cm)	0.9
LVID diastole (cm)	3.7
PW thickness (cm)	0.96
LVID systole (cm)	2.0
FS (%)	46

Doppler Measurements

PV Vmax (m/s)	1.1
AoV Vmax (m/s)	3.2
MR Vmax (m/s)	5.9
TR Vmax (m/s)	2.3
TR PG (mmHg)	22

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

INTERPRETATION OF THE FINDINGS

The only cause of a murmur identified is mild valvular aortic stenosis. No obvious subaortic ridge is visualized and this is likely a congenital abnormality. Given the mild nature of the findings and normal LV dimensions, this is likely of little clinical significance. The LV function is adequate; however, **a diet change remains the conservative recommendation.** Finally, small leaks are noted in the mitral and tricuspid valves which are largely hemodynamically insignificant at this point; however, follow up is advised. No additional issues are identified.

HOSPITAL NAME

Compassionate Care
Veterinary Clinic

REFERRING VET

Dr. Farrington

INVOICE

21671

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Diet change as discussed.
- No cardiac contraindication for general anesthesia. Avoid heart rate stimulating drugs unless indicated. This type of valve abnormality carries a slight predisposition for

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10/22/21



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development of endocarditis and prophylactic antibiotics are recommended for any dental or orthopedic procedure lifelong.

- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

SPECIES

Canine

PLAN

- Recommend conservative monitoring with a recheck echocardiogram annually, sooner if any clinical signs arise in the interim.

BREED

Pitbull

SEX

Male Intact

AGE

3 years

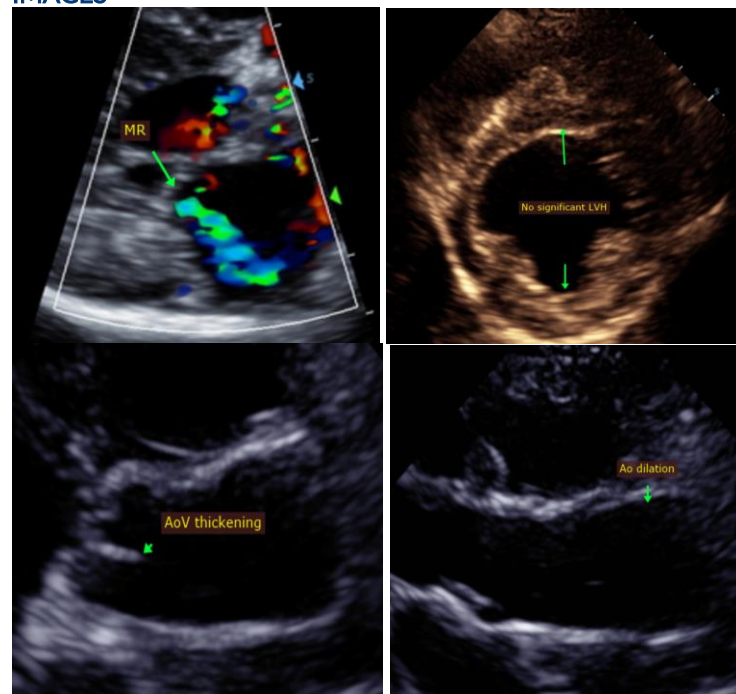
WEIGHT

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IMAGES



IMAGING PERFORMED BY

Pamela Harrigan,
 RDCS

HOSPITAL NAME

Compassionate Care
 Veterinary Clinic

REFERRING VET

Dr. Farrington

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

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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