



PATIENT

Bella Vasquez

SPECIES

Canine

BREED

Pitbull

SEX

Spayed Female

AGE

6 Years

WEIGHT

72.4 Pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Santa Clara AH

REFERRING VET

Dr. Elsbree

INVOICE

36862

DATE

4/28/26

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: ASNW Report 3/27/25- evidence of severe pulmonary stenosis; exam in February 3/6 systolic heart murmur. Has some hair thinning on flanks and is overweight.

Is there a Heart Murmur? If so, please grade: 3/6. Current Medications: Atenolol 25 mg- 1 tb BID, bravecto, sometimes cytopoint

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 | 5.66 | | 1.08 | 1.08 | 59.45 | -- | NM |
| 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) |
| NORMAL PARAMETER | 50-100 | 0.7-1.7 | 0.7-1.6 | | | | |
| PATIENT | -- | 1.81 | 4.46 | 32.9 | 3.8 | 3.7 | 1.5 |

RAD: 3.5

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 mild right atrial enlargement without tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. There is evidence of concentric hypertrophy of the right ventricle. The aortic valve has normal morphology with normal corresponding outflow velocities. The pulmonic valve is stenotic and pulmonic outflow velocities are severely increased. The aorta appears normal. There is mild pulmonic insufficiency. There is no aortic insufficiency. The pulmonary artery and associated branches appear dilated. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Degenerative valve disease, ACVIM stage B-1
- Severe pulmonic stenosis



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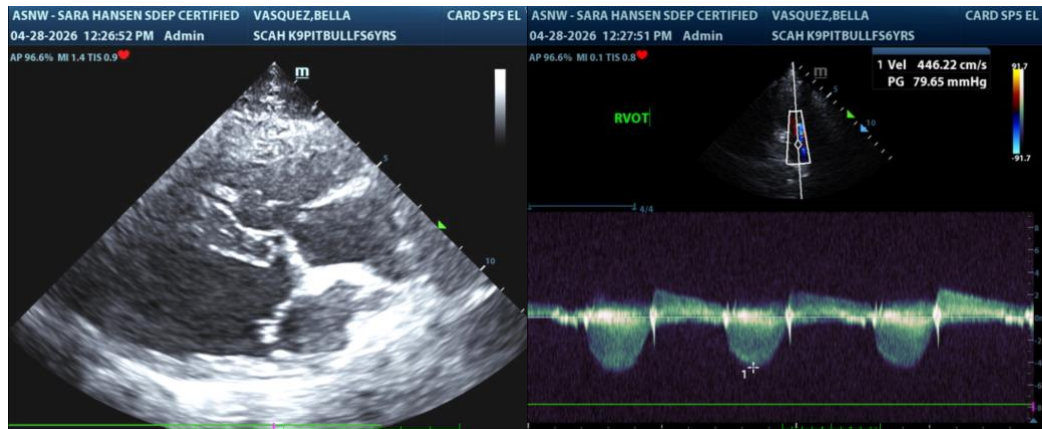
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient continues to have severe pulmonic stenosis. No change in atenolol therapy is recommended at this time. No additional medications are indicated. Due to the severe nature, the patient is at an increased risk for complications such as right-sided heart failure, sudden cardiac death, exercise intolerance, syncopal episodes. Can consider referral for evaluation to see if the patient is an adequate candidate for balloon valvuloplasty. If not, moving forward with referral, a recheck echo is recommended in 10 to 12 months, sooner if clinical signs are developing.



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.

Sara Brethel DVM, DACVIM (Cardiology)

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