



RESENTING CLINICAL SIGNS

History: Diagnosed with PS and right-sided CHF at RBVH on 3/8/23. Receiving furosemide 50 mg BID, pimobendan 7.5 mg BID, clopidogrel 37.5 mg SID, Vitamin B12, and Apoquel.

DATE

4/19/23

ECHOCARDIOGRAPHIC FINDINGS

A focused exam of the right ventricular outflow tract/pulmonic valve is submitted for review.

PERFORMED BY:

Dr. Eric Lindquist

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size appears normal. The mitral valve appears normal. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial size is normal. There is moderate right ventricular hypertrophy. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonic valve leaflets are mildly thickened and appear partially fused in systole. The pulmonic valve annulus appears normal. There is turbulent systolic flow across the valve, the velocity of which is consistent with the presence of severe stenosis (PG 120 mmHg). Mild pulmonic insufficiency is present. There is post-stenotic dilation of the main pulmonary artery. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen. No peritoneal effusion is seen.

PATIENT

Tank Novella

LVIDd – 33.3 mm
LVIDs – 17.3 mm
FS – 48%
RA – 25.6 mm
RVFWd – 9.4 mm
LVOT – 1.96 m/s
RVOT – 5.49 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Pulmonic stenosis - severe

BREED

American Bully

This examination demonstrates the presence of valvular pulmonic stenosis, similar to Tank's previous echocardiogram, however, the pressure gradient across his valve is worse in today's exam and is consistent with the presence of severe stenosis. Given the absence of secondary right atrial dilation, it would be a bit surprising if Tank's previous peritoneal effusion were to be due to the development of right-sided congestive heart failure, but it is possible given the presence of severe stenosis. The severity of Tank's stenosis indicates that he is at risk for the development of exercise intolerance, syncope, and arrhythmia formation, the latter of which could potentially result in sudden death.

SEX

M

AGE

5 y

Given that Tank's stenosis is now severe and his valve appears to be amenable to a balloon, pulmonic balloon valvuloplasty is recommended, as this will provide the best opportunity to avoid any of the above-mentioned abnormalities, as well as reduce his risk for the potential recurrence of right-sided congestive heart failure.

No change in Tank's current cardiac medications is recommended at this time.

WEIGHT

A recheck echocardiogram is recommended in 6-9 months if balloon valvuloplasty is not pursued.

HOSPITAL NAME

ACC Flanders

REFERRING VET

Dr. Villari



DATE

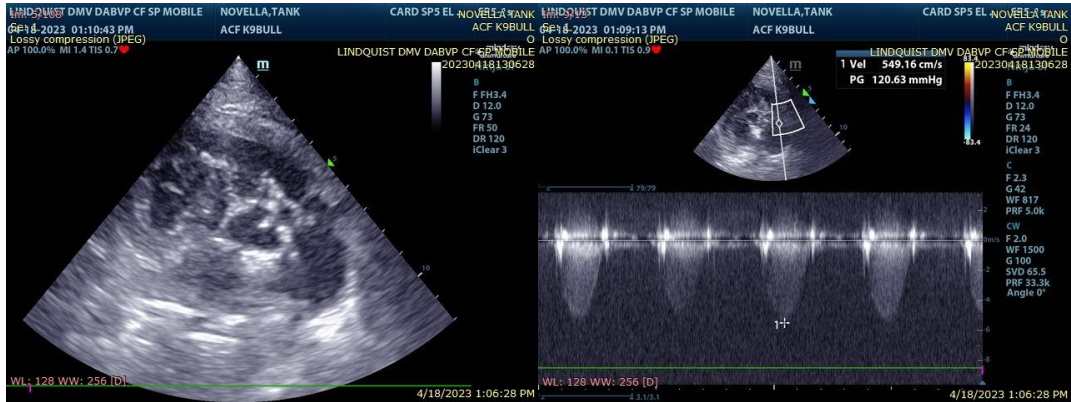
4/19/23

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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.

PATIENT

Tank Novella

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.

SPECIES

Canine

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631-804-5754

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