



DATE PRESENTING CLINICAL SIGNS
 History: Grade 5/6 murmur.

12/6/21

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.

Dave Stasiuk, RDMS,
 RDCS

INTERPRETED BY

Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is mild left atrial dilation. The mitral valve appears normal. Left ventricular wall thickness is normal. A moderator band (normal part of conduction system) within the left ventricle and inserting on the basilar portion of the interventricular septum. There is mild left ventricular dilation. There is turbulent flow in the right ventricle adjacent to the mid-muscular septum, and Doppler evaluation of this region is consistent with the presence of a left-to-right shunting ventricular septal defect. There is also turbulence in the right ventricle adjacent to the perimembranous ventricular septum, though definitive evidence of a shunt in this region is not visualized. Left ventricular systolic function is normal. The aorta and aortic are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

PATIENT

Bella White

LA/Ao - 1.68
 IVSd - 3.3 mm
 LVPWd - 3.5 mm
 LVIDd - 19.3 mm
 LVIDs - 9.5 mm
 FS - 50.7%
 RA - 10.8 mm
 LVOT - 0.88 m/s
 RVOT - 0.81 m/s
 VDS - 6.00 m/s

SPECIES

Feline

BREED

Ragdoll

ASSESSMENT/RECOMMENDATIONS

Ventricular septal defect (VSD)

SEX

F

This examination demonstrates Doppler evidence of shunting of blood from Bella's left ventricle into her right ventricle through a VSD. Secondary to the shunting, Bella has mild dilation of both her left atrium and left ventricle. Given the presence of mild left heart chamber dilation, Bella's current risk for the development of congestive heart failure and/or thromboembolic disease is mildly increased, therefore, careful monitoring for clinical signs associated with these conditions is recommended.

AGE

4 y

I recommend starting Bella on enalapril (1.25 mg BID) and clopidogrel (18.75 mg SID), as the former should reduce the amount of shunting through her VSD, while the latter should decrease her risk for cardiac thrombus formation.

WEIGHT

3.1 kg

A renal/electrolyte profile is recommended in 1-2 weeks. A recheck echocardiogram is recommended in 6 months to monitor for disease progression. Thoracic radiographs are recommended if Bella experiences respiratory clinical signs.

HOSPITAL NAME

Resolution Veterinary
 Ultrasound, LTD

REFERRING VET

Dr. Morley



DATE

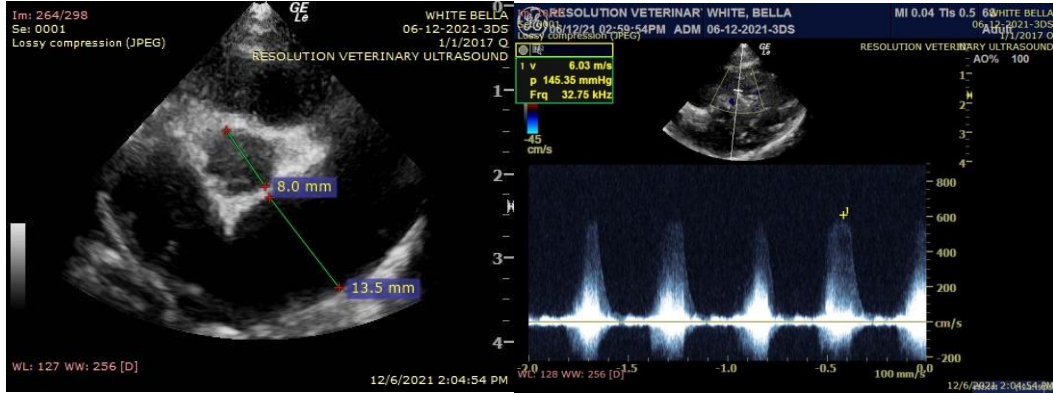
12/6/21

PERFORMED BY:

Dave Stasiuk, RDMS,
RDCS

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



PATIENT

Bella White

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.

SPECIES

Feline

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.

BREED

Ragdoll

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

SEX

F

AGE

4 y

WEIGHT

3.1 kg

HOSPITAL NAME

Resolution Veterinary
Ultrasound, LTD

REFERRING VET

Dr. Morley