
**RESENTING CLINICAL SIGNS**

**DATE** 11/15/21  
 History: History of recurrent pericardial effusion. Echo on 6/11/21 showed thickening of the right AV groove, but no distinct mass, while no mass was seen in a recheck 5 days later. Effusion was hemorrhagic with increased mesothelial cells, some mild atypical changes, chronic, and inflammatory. No growth on culture. Now has pleural effusion but no pericardial effusion.

**ECHOCARDIOGRAPHIC FINDINGS**

**PERFORMED BY:** Dr. Brian Barnes  
 2D, M-mode, and Doppler study. This exam is compared to the one performed 8/23/21.

**INTERPRETED BY**

Keith Blass, DVM,  
 MS, DACVIM  
 (Cardiology)

Left atrial size is normal. The mitral valve leaflets are very mildly thickened, and a very mild jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. The right atrium and right ventricle are mildly underfilled. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal, though trivial pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion is present. Pleural effusion is present. Within the effusion, there is an ~2.01 cm x 0.74 cm isoechoic structure adjacent to the left ventricle.

**PATIENT**

Aries Narayan  
 ECG during echo: Sinus rhythm

**SPECIES**

Canine

LA - 19.2 mm (prev. 19.6 mm)  
 LVIDd - 15.7 mm (prev. 18.9 mm)  
 LVIDs - 8.7 mm (prev. 10.9 mm)  
 FS - 44.6% (prev. 42.3%)  
 LVOT - 0.90 m/s (prev. 1.09 m/s)  
 RVOT - 0.85 m/s (prev. 0.78 m/s)

**BREED**

Poodle

**ASSESSMENT/RECOMMENDATIONS**
**SEX**

FS

This examination demonstrates no recurrence of Aries' pericardial effusion, however, there is pleural effusion, which could potentially be due to escape of fluid formed in the pericardium through a rent created by a previous pericardiocentesis procedure. Similar to Aries' previous exam, there is a soft tissue structure outside of her heart adjacent to her left ventricle, however, whether this represents a mass or whether it is a non-neoplastic structure, such as a thrombus, is difficult to say.

**AGE**

6 y

As mentioned previously, cardiac CT or MRI may be warranted to more comprehensively evaluate the structure adjacent to Aries' left ventricle.

If CT/MRI is not performed, a recheck echocardiogram is recommended in 6 months, sooner if clinical signs compatible with cardiac tamponade recur.

**WEIGHT**

4.26 kg

**HOSPITAL NAME**

Westview VH

**REFERRING VET**

Dr. Barnes



DATE

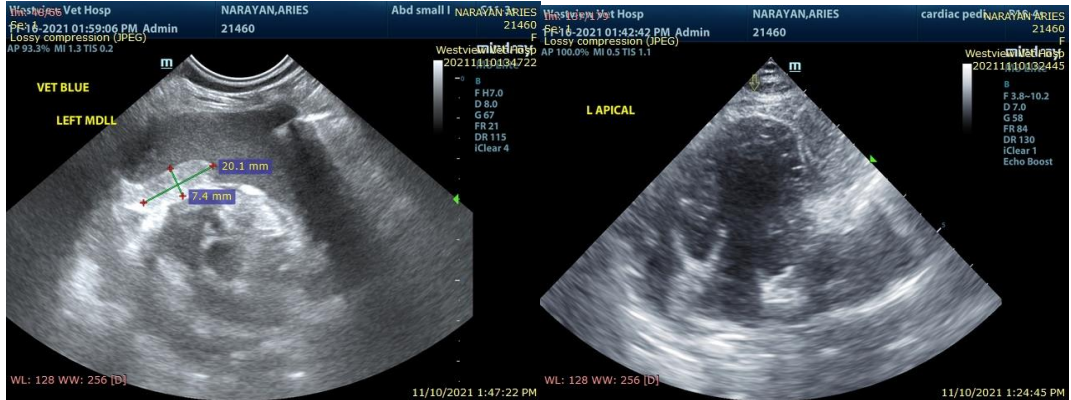
11/15/21

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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

Aries Narayan

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

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

BREED

Poodle

SEX

FS

AGE

6 y

WEIGHT

4.26 kg

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes