



**DATE PRESENTING CLINICAL SIGNS**

12/31/21

History: Pre-anesthetic evaluation (dental). BP 135 mmHg.

**ECHOCARDIOGRAPHIC FINDINGS**

**PERFORMED BY:**

2D, M-mode, and Doppler study.

Loetitia Saint-Jacques, RVT, LVT

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

**INTERPRETED BY**

Keith Blass, DVM, MS, DACVIM (Cardiology)

- LA - 30.5 mm
- LVIDd - 30.5 mm
- LVIDs - 21.4 mm
- FS - 30%
- RA - 19.3 mm
- LVOT - 1.16 m/s
- RVOT - 0.71 m/s
- TR - 2.45 m/s

**PATIENT**

Bear Strom

**SPECIES**

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative tricuspid valve disease

**BREED**

Cocker Spaniel

This examination demonstrates mild regurgitation of blood across Bear's tricuspid valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Bear does not have secondary dilation of either of his right heart chambers. As such, Bear's tricuspid valve disease appears to be well-compensated, and his current risk for the development of right-sided congestive heart failure appears to be low.

**SEX**

Bear's cardiovascular risk for general anesthesia is only very mildly increased based on this exam, though I still recommend avoiding the use of alpha-2 agonists in the anesthetic protocol and reducing the IV fluid rate by 10% as precautions.

**MN**

No therapy is recommended at this stage of disease.

**AGE**

A recheck echocardiogram is recommended in 9-12 months to monitor for disease progression.

**10 y**

**WEIGHT**

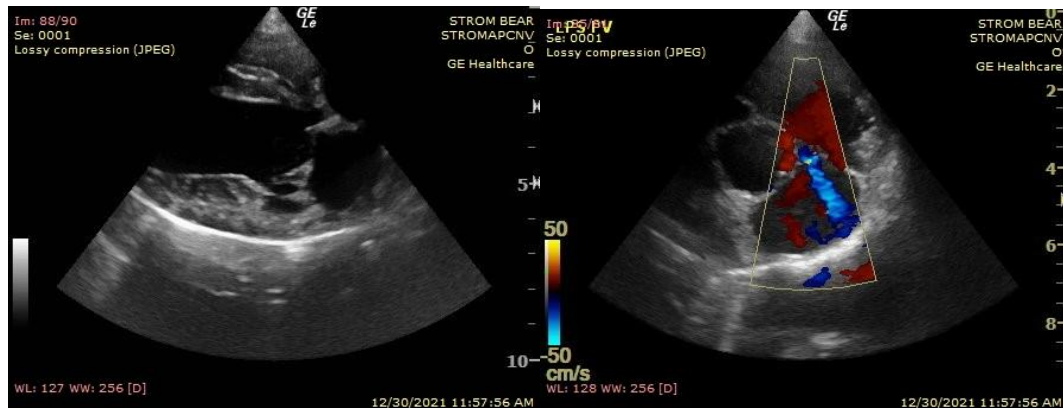
28.5 lb

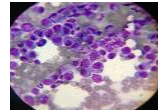
**HOSPITAL NAME**

Advanced PetCare of Nevada

**REFERRING VET**

Dr. Behrens





**DATE**

12/31/21

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.

**PERFORMED BY:**

Loetitia Saint-Jacques, RVT, LVT

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.

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**Keith Blass, DVM, MS, DACVIM (Cardiology)**  
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631-804-5754

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Bear Strom

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