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| | PRESENTING CLINICAL SIGNS |
| DATE | History: Grade 4/6 right-sided murmur. Asymptomatic. |
| 8/10/22 | ECHOCARDIOGRAPHIC FINDINGS |
| | 2D, M-mode, and Doppler study. |
| PERFORMED BY: | Left atrial size is normal. The mitral valve is normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. There is a left-to-right shunting perimembranous ventricular septal defect. The velocity of flow through the defect is consistent with normal systemic and pulmonary resistances. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen. |
| Loetitia Saint-Jacques, RVT, LVT | |
| INTERPRETED BY | |
| Keith Blass, DVM, MS, DACVIM (Cardiology) | LA/Ao – 1.36 IVSd – 4.1 mm LVPWd – 3.9 mm LVIDd – 14.7 mm LVIDs – 6.9 mm FS – 53% LVOT – 1.64 m/s RVOT – 1.77 m/s VSD – 4.77 m/s |
| PATIENT | |
| TaterTot Tockes | |
| SPECIES | ELECTROCARDIOGRAPHIC FINDINGS |
| Feline | A six lead ECG is submitted for review. |
| | HR: 230 bpm Rhythm: Sinus |
| BREED | |
| DSH | Sinus tachycardia is present throughout this recording. The MEA is normal. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen. |
| SEX | |
| M | ASSESSMENT/RECOMMENDATIONS |
| | Ventricular septal defect (VSD) |
| AGE | This examination demonstrates shunting of blood from TaterTot's left ventricle into his right ventricle through a perimembranous VSD. The velocity of shunting flow is consistent with the presence of a small restrictive defect, which appears to be confirmed by TaterTot's absence of secondary left heart chamber dilation. Given the presence of a restrictive defect, it's unlikely that TaterTot will develop hemodynamically/clinically relevant left-sided cardiac volume overload in the future, however, careful monitoring for this is recommended. |
| 19 wk | |
| WEIGHT | |
| 4.87 lb | TaterTot's ECG shows no abnormalities. |
| HOSPITAL NAME | No therapy is recommended based on this exam. |
| South Reno VH | A recheck echocardiogram is recommended in 9 months, sooner if new clinical signs compatible with cardiac dysfunction (ex. labored breathing, collapse, limb paresis) develop. |
| REFERRING VET | |
| Dr. Schmitt | |



DATE

8/10/22

PERFORMED BY:

Loetitia Saint-Jacques, RVT, LVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



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

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.

TaterTot Tockes

Keith Blass, DVM, MS, DACVIM (Cardiology)

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631-804-5754

SPECIES

Feline

BREED

DSH

SEX

M

AGE

19 wk

WEIGHT

4.87 lb

HOSPITAL NAME

South Reno VH

REFERRING VET

Dr. Schmitt