

## PATIENT

Captain Tito Carter

## SPECIES

Feline

## BREED

DSH

## SEX

MN

## AGE

6 y

## WEIGHT

4 kg

## INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Andrea Nicastro, DVM,  
DACVIM

## HOSPITAL NAME

VCA Palmetto

## REFERRING VET

Dr. Ghiorzi

## INVOICE

## DATE

12/19/25

## PRESENTING CLINICAL SIGNS

Grade 2/6 murmur. Previous echocardiogram showed a band of tissue in the LV, consistent with either a moderator band or fibrous tissue.

## ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve is normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. There is a narrow band of tissue spanning from the mid-interventricular septum to the posterior left ventricular papillary muscle. A moderator band can be seen coursing parallel to the interventricular septum and inserting into the basilar portion of the septum. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

LA/Ao – 1.40 (prev. 1.38)

IVSd – 4.2 mm (prev. 4.2 mm)

LVPWd – 4.1 mm (prev. 4.2 mm)

LVIDd – 13.0 mm (prev. 13.6 mm)

LVIDs – 5.0 mm (prev. 5.0 mm)

FS – 61.5% (prev. 63%)

LVOT – 1.27 m/s (prev. 1.30 m/s)

RVOT – 1.15 m/s (prev. 0.99 m/s)

TR – 2.20 m/s

## ASSESSMENT/RECOMMENDATIONS

This examination is unchanged compared to Captain's previous echocardiogram. While it's still unclear whether the band of tissue spanning Captain Tito's left ventricle is a moderator band or a fibrous band, the hemodynamic effects of it still appear to be mild, and Captain Tito's current risk for the development of congestive heart failure and/or thromboembolic disease still appears to be low.

No therapy is recommended based on this exam.

A recheck echocardiogram is recommended in 12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.



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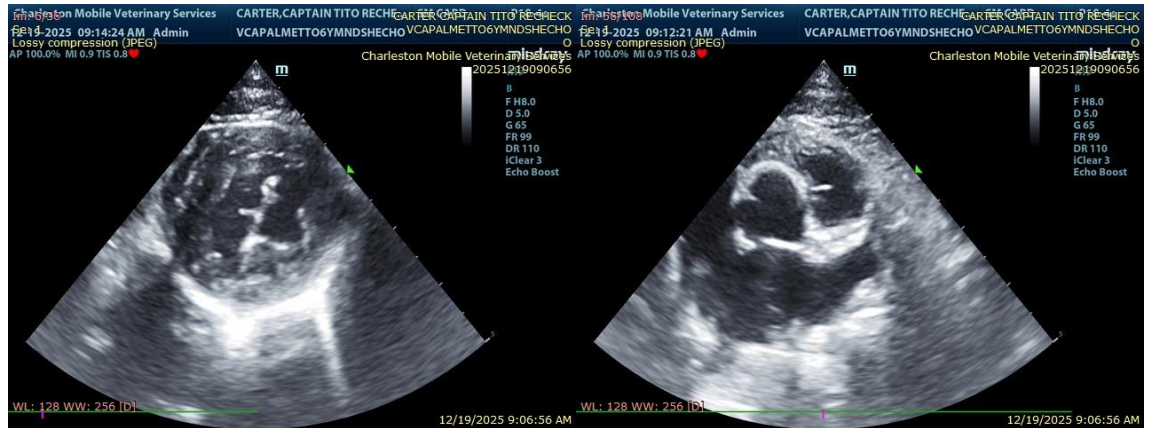
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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