



## PATIENT

Shadow Bogles

## SPECIES

Feline

## BREED

DSH

## SEX

MN

## AGE

11 y

## WEIGHT

3.5 kg

## PRESENTING CLINICAL SIGNS

Murmur, tachycardia (HR 308 bpm). Weight loss, inappetence, vomiting, occasional diarrhea.

## ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular dimensions are normal. A moderate band (normal part of conduction system) can be seen inserting into the basilar-portion of the interventricular septum. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though mild 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.

LA/Ao – 1.33

IVSd – 4.8 mm

LVPWd – 4.7 mm

LVIDd – 13.9 mm

LVIDs – 6.6 mm

FS – 52.5%

LVOT – 0.83 m/s

RVOT – 1.01 m/s

## INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Amanda Stewart

## HOSPITAL NAME

East Credit VH

## REFERRING VET

Dr. Gardiner

## INVOICE

## DATE

11/21/25

## ASSESSMENT/RECOMMENDATIONS

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

Sinus tachycardia in cats can be over 300 bpm, therefore, it's unclear whether this is present as a physiologic response to a stressor or whether a pathologic tachyarrhythmia is present. As such, an ECG is recommended for further evaluation.

No therapy is recommended based on Shadow's echocardiogram.

A recheck echocardiogram is recommended in 9-12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.



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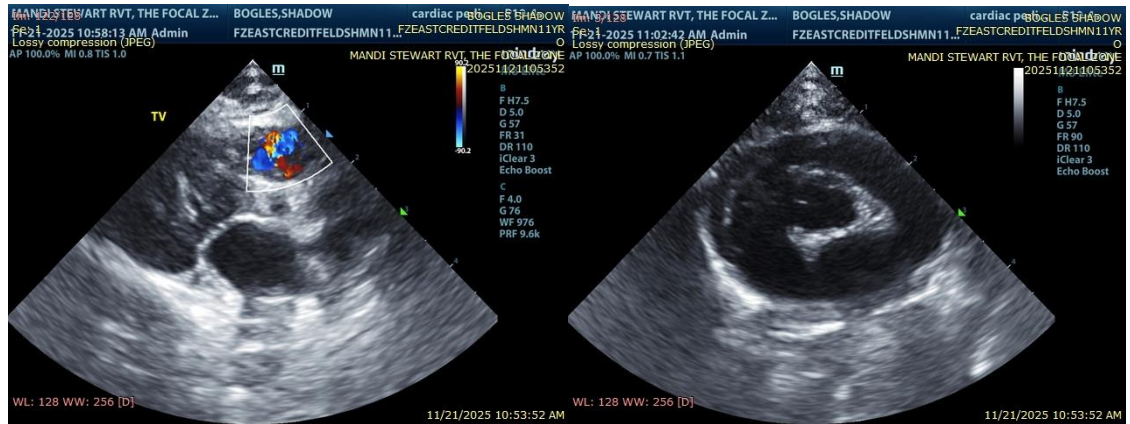
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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