



PATIENT

Vesper Matthews

SPECIES

Feline

BREED

Tortoiseshell

SEX

FS

AGE

13 y

WEIGHT

11 lb

PRESENTING CLINICAL SIGNS

Progressive BNP elevation (most recent 154). T4, renal values WNL. Pre-anesthetic evaluation (COHAT).

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. Left ventricular systolic function is normal. 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 shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA/Ao - 1.40

IVSd - 3.9 mm

LVPWd - 3.9 mm

LVIDd - 16.3 mm

LVIDs - 8.2 mm

FS - 49.7%

LVOT - 1.05 m/s

RVOT - 0.95 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Graham Sager-
Gellerman, DM

HOSPITAL NAME

Back Bay VC

REFERRING VET

Dr. Sager-Gellerman

INVOICE

DATE

4/16/26

ASSESSMENT/RECOMMENDATIONS

Normal echocardiogram

This examination demonstrates no evidence of structural heart disease, as trace tricuspid regurgitation can be considered a normal physiologic variant. As such, no reason for Vesper's BNP elevation is appreciated in the image set. It's likely that the BNP is a false positive, though systemic hypertension should be ruled out as a possible cause.

No therapy is recommended based on this exam, and there is no contraindication to general anesthesia or steroid therapy.

A recheck echocardiogram is recommended if new physical exam and/or clinical signs compatible with cardiac dysfunction develop.



PATIENT

Vesper Matthews

SPECIES

Feline

BREED

Tortoiseshell

SEX

FS

AGE

13 y

WEIGHT

11 lb

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Graham Sager-
Gellerman, DM

HOSPITAL NAME

Back Bay VC

REFERRING VET

Dr. Sager-Gellerman

INVOICE

DATE

4/16/26



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)

info@SonoPath.com