



PATIENT

George Hopatcong
Shelter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Male

AGE

1 year

WEIGHT

6.78 lbs

PRESENTING CLINICAL SIGNS

HR 180, RR 60, BCS 4, PS 0, FS green. Grade IV-V/VI murmur left sided systolic murmur. Grade III/VI right systolic murmur. Lungs clear. Strong synchronous femoral pulses.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 different LA measurement methods. Chamber volumes and echogenicity were normal. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated measurable insufficiency. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** dysplasia is suspected. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

ULTRASONOGRAPHIC FINDINGS

- Mitral valve disease
- Suspect tricuspid dysplasia

HOSPITAL NAME

SDEP Lab

INVOICE

74590

DATE

4/19/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

It is recommended to monitor this patient for any signs of right-sided heart failure. Recheck echocardiogram is recommended in 6-9 months or sooner if clinical signs are noted.

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.

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