



PATIENT

Primrose Jackson

SPECIES

Feline

BREED

DMH

SEX

Spayed Female

AGE

10 Years

WEIGHT

4.38 kg

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Cassie Jackson

HOSPITAL NAME

Huntsville AH

REFERRING VET

Dr. Cassie Jackson

INVOICE

36807

DATE

2/10/26

PRESENTING CLINICAL SIGNS

- Presented for annual exam, grade 2/6 systolic murmur on the L auscultated
- Sibling has equivocal thickening of the L ventricle on echo done in the fall
- No C/S at home
- Abnormal PE/Chem/CBC/UA Results: Bloodwork and UA with UPC are pending

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

| FELINE CARDIAC PARAMETERS | BODY WEIGHT (kg) | HR (BPM) | IVSd (cm) | LVIDd (cm) | LVWd (cm) | FS (%) | EF (%) |
|---------------------------|------------------|---------------------------|----------------------|------------|-----------------|-----------------|----------|
| NORMAL PARAMETER | ----- | 150-240 | 0.3-0.6 | 1.0-2.1 | 0.25-0.6 | 35-67 | 80-100 |
| PATIENT | 4.38 | NM | 0.41 | 1.5 | 0.44 | 52 | NM |
| FELINE CARDIAC PARAMETERS | LA/AO (M-mode) | LA/AO HEART BASE (Sisson) | LAD LA MAX 4 Chamber | | LVOT VEL. (m/s) | RVOT VEL. (m/s) | IVRT (m) |
| NORMAL PARAMETER | <1.5 | 1.6 | 0.7-1.7 | | <1.6 | <1.3 | 40-60 |
| PATIENT | NM | 1.17 | 1.5 | | 0.5 | 0.6 | NM |

Adapted from June Boon, Veterinary Echocardiography, 1998
Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705

LVIDs: 0.72

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Structurally normal heart



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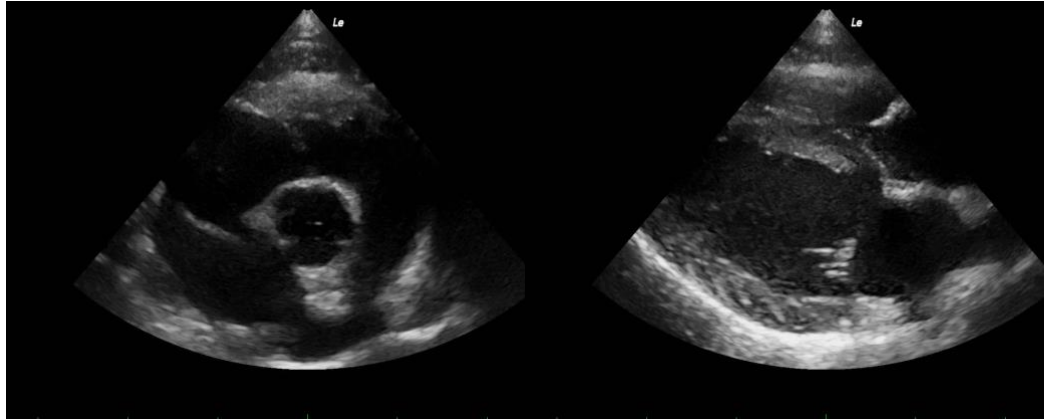
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient's heart is structurally normal. Can consider a recheck echo in one year. Alternatively, can perform a proBNP. If the proBNP becomes elevated, then a recheck echocardiogram would be indicated at that time.



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.

Sara Brethel DVM, DACVIM (Cardiology)

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