



PATIENT

Lileth MacDonald

SPECIES

Canine

BREED

Great Dane

SEX

Spayed female

AGE

3 ½ years

WEIGHT

48 kg

INTERPRETED BY

Bradley Harris, DVM,
 DACVECC, DACVIM
 (cardiology)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

The Collegeway AH

REFERRING VET

Dr. Hanna

INVOICE

74771

DATE

4/23/26

PRESENTING CLINICAL SIGNS

History: Recent onset lethargy, irregular heart rhythm noted but no murmur. No meds. Recommend Echo to look at treatment options.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The left atrium is normal in dimension. The left ventricle is normal in dimension with normal systolic function, and the right atrium and right ventricle are normal in dimension with normal systolic function. The anterior and posterior mitral valve leaflets are appropriately thin with adequate apposition and intact chordae, with no significant prolapse identified, and no significant mitral regurgitation is present. The tricuspid valve leaflets are appropriately thin with adequate apposition and intact chordae, with trivial tricuspid regurgitation and no evidence of pulmonary hypertension. The left ventricular outflow tract demonstrates normal laminar flow, and the visible aorta is unremarkable. The right ventricular outflow tract demonstrates normal laminar flow with appropriate main pulmonary artery diameter and normal right pulmonary artery distensibility. There is no pulmonic or aortic valve insufficiency identified. There is no visible pericardial, pleural, or free peritoneal fluid documented, and no evidence of hepatic venous congestion is noted. The cardiac chambers, pericardium, and visible extracardiac regions are free of masses, spontaneous echo contrast, or thrombi.

| CANINE CARDIAC PARAMETERS | Body Weight kg | HR BPM | LAD 4 ch Long | RAD 4 ch Long | La/Ao Heart Base | LVIDd | LVIDs |
|---------------------------|----------------|--------|----------------|------------------|------------------|---------|----------------------------------|
| NORMAL PARAMETER | | 50-100 | | | <1.6 | | |
| PATIENT | 48 kg | 2.04 | 4.6 | 3.21 | 1.21 | 4.42 | 2.08 |
| CANINE CARDIAC PARAMETERS | FS | EPSS | PV V MAX (m/s) | AV V Max (m/sec) | MR Vmax | TR Vmax | RPA distensibility (normal >30%) |
| NORMAL PARAMETER | 28-40 | <0.6 | 0.7-1.6 | 0.7-1.7 | 4.5-5.5 | < 2.7 | |
| PATIENT | 53 | 0.5 | 1.5 | 1.8 | None | 1.5 | 33 |

ULTRASONOGRAPHIC FINDINGS

These findings are consistent with an essentially normal echocardiogram. Any murmur will be considered functional in origin. The patient is tachycardic, but no cardiac cause of the morbidity is identified.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to fluid therapy or corticosteroid therapy, as indicated for further assessment and treatment. No specific cardiac recheck is recommended unless a murmur or clinical signs of heart disease develop.



PATIENT

Lileth MacDonald

Anesthesia considerations:
 No special considerations are necessary.

SPECIES

Canine

Diet:
 No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

BREED

Great Dane

Activity:
 No special considerations are necessary.

SEX

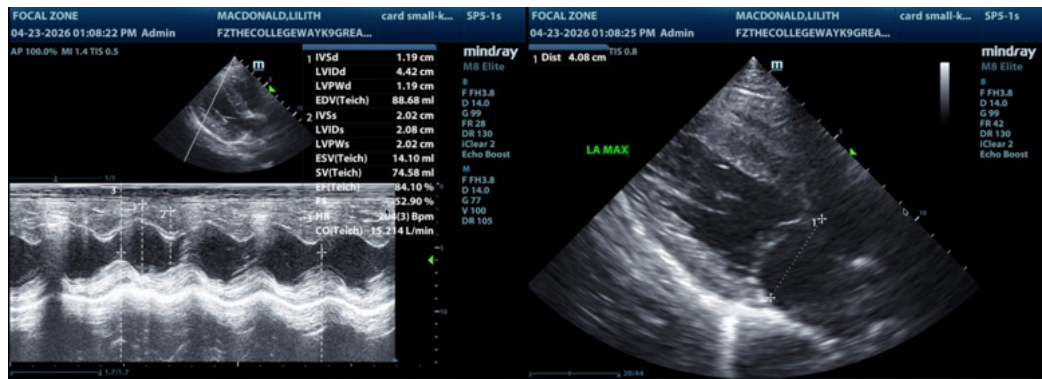
Spayed female

AGE

3 1/2 years

WEIGHT

48 kg



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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.

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info@SonoPath.com

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