



PATIENT

Tallulah Aggouras

SPECIES

Canine

BREED

Lagatto Romano

SEX

Spayed female

AGE

5 years

WEIGHT

37 lbs

PRESENTING CLINICAL SIGNS

- Multi-year hx of grain free diet
- hip dysplasia
- CBC/Chemistry: All values were within normal limits. Urinalysis: The urine specific gravity was low at 1.024. All other parameters were unremarkable. Fecal Analysis: Negative for intestinal parasites via flotation and antigen testing. 4Dx Plus Test: Negative for heartworm, Anaplasma, Ehrlichia, and Lyme disease. Cardiopet proBNP: The result was elevated at 1558 pmol/L (reference range: 0-900 pmol/L).

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated mild volume overload in the **left atrial and left ventricle**. Trivial **mitral** valve insufficiency was noted in this patient. **Contractility** was subnormal. EPSS was borderline for DCM. 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. Trivial **tricuspid** insufficiency was also noted. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonary outflow** 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. The cranial **mediastinum and pericardial and extra-cardiac regions** were free of masses in the visible window.

INTERPRETED BY

Dr. Alicia Angosto
Guerrero

IMAGING PERFORMED BY

Dr. Pfannenstiel

HOSPITAL NAME

Mill Brook Animal
Clinic VBF

REFERRING VET

Dr. Pfannenstiel

INVOICE

71863

DATE

2/24/26

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	LA/AO (Heart Base)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	NM	NM	1.3	NM	20	NM	0.74
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	NM	NM	NM	37 lbs	3.7	0.38	NM

ULTRASONOGRAPHIC FINDINGS

Occult DCM type presentation, nutritional cardiomyopathy likely. Grain free diet/taurine deficiency may be playing a role in this patient. Otherwise, breed predisposition for DCM is also possible. Underlying myocarditis is possible, yet not suspected.



PATIENT

Tallulah Aggouras

SPECIES

Canine

BREED

Lagatto Romano

SEX

Spayed female

AGE

5 years

WEIGHT

37 lbs

INTERPRETED BY

Dr. Alicia Angosto
Guerrero

IMAGING PERFORMED BY

Dr. Pfannenstiel

HOSPITAL NAME

Mill Brook Animal
Clinic VBF

REFERRING VET

Dr. Pfannenstiel

INVOICE

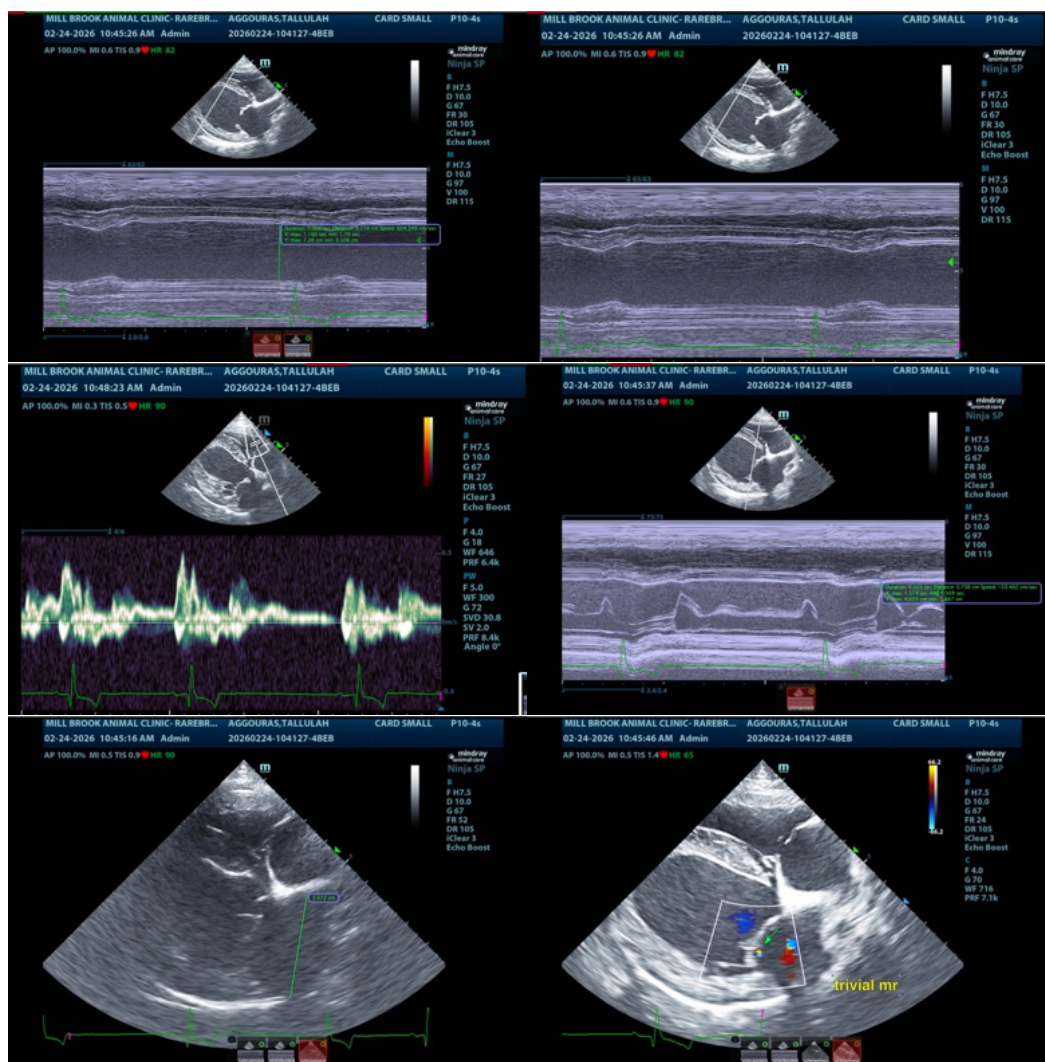
71863

DATE

2/24/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend assessment of taurine levels and diet change. Thyroid assessment and screening for Addison's is also indicated if not already performed as both hypothyroidism and Addison's disease can cause poor contractility. Assessment for systemic disease that may be causing hypocontractility is warranted as well. Recheck echocardiogram is recommended after adjustments have been made with taurine supplementation and diet change. No specific cardiac medications are recommended if exercise intolerance is not an issue. Baseline EKG and blood pressure measurements are warranted if not already performed.





PATIENT

Tallulah Aggouras

SPECIES

Canine

BREED

Lagatto Romano

SEX

Spayed female

AGE

5 years

WEIGHT

37 lbs

INTERPRETED BY

Dr. Alicia Angosto
Guerrero

IMAGING PERFORMED BY

Dr. Pfannenstiel

HOSPITAL NAME

Mill Brook Animal
Clinic VBF

REFERRING VET

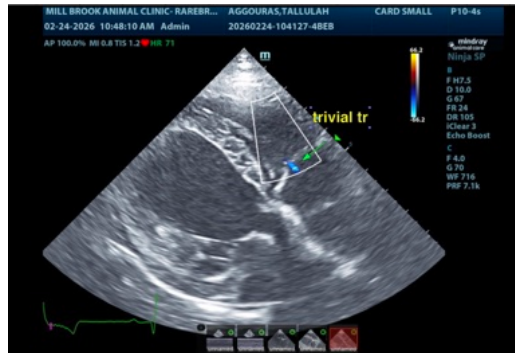
Dr. Pfannenstiel

INVOICE

71863

DATE

2/24/26



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.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

MV Esp Ultrasound in Domestic and Wild Animals

info@SonoPath.com