



PATIENT

Maggie Balseiro

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

17 Years

WEIGHT

7.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer-Gerber

INVOICE

35033

DATE

12/22/25

PRESENTING CLINICAL SIGNS

History: 7/2021 = LF amputation --> biopsy = grade 3 ST sarcoma Hyperthyroidism - on Methimazole IRIS STAGE 2 CKD ABD US 11/2024 = concern for infiltrative neoplasia in the spleen and GI --> Owner declined all sampling O declined repeat AUS today Abdomen palpates normally; no pain, tenderness or masses on palpation. Kidneys do not feel enlarged or painful today -- Hx concern for enlarged spleen on AUS 11/2024 + possible small cell LSA. Owner declined sampling of the spleen and GI at that time. Grade 3 HM; here for HWU today. No obvious abnormalities, not even growling today which is abnormal for p. Firm nickle sized mass noted in the area of the thyroid -- NEW.

Abnormal PE/Chem/CBC/UA Results: CXR to IDX = pending BP = 162mmHg --> mild hypertension ECG = intermittent VPCs, tachycardia 11/29/25 CBC: NSF Creat = 2.0 - IRIS Stage 2 (stable) BUN = 55 HIGH Lytes: NSF T4 = 2.4 normal --> on Methimazole Feline Triple SNAP = (-)x3 proBNP = 319 HIGH --> NEW. Rec HWU with echo Fecal & Giardia: (-) x2 Cysto UA 1.015 5.5 pH otherwise quiet sediment.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	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	7.1 lbs	220	0.58	0.97	0.5	50	90
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	1.0	--	1.2		--	.80	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							

EPSS: 0.1

Cardiac Presentation

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. The **left ventricle** presented with the appearance of pseudohypertrophy owing to volume contraction, even though the measurements are essentially normal. 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 and angles 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



PATIENT

Maggie Balseiro

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

17 Years

WEIGHT

7.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IUUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer-Gerber

INVOICE

35033

DATE

12/22/25

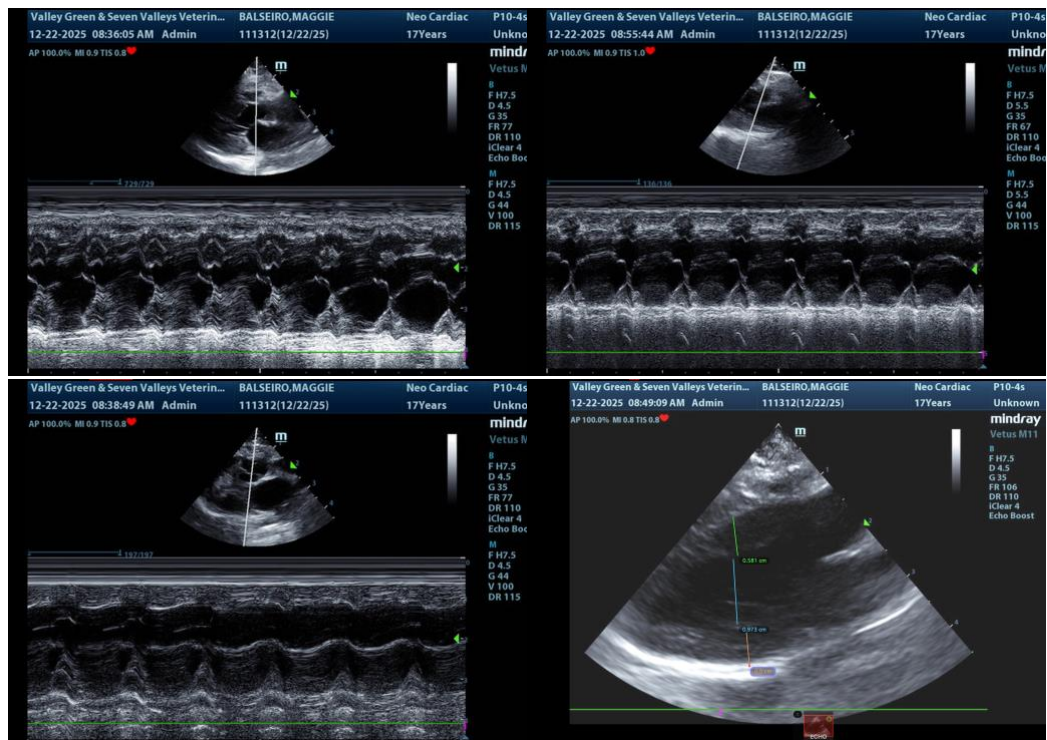
content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window. The patient was tachycardic. A **cystic structure** was noted in the area of the thyroid, likely thyroid cyst; further imaging is necessary.

ULTRASONOGRAPHIC FINDINGS

- Normal geriatric cardiac examination with slight pseudohypertrophy
- Tachycardia
- Cystic structure in the area of the thyroid- Further imaging is necessary. This is not overtly pathological.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant disease. Effector organ phenomenon, such as hypertension, volume contraction, and systemic disease should all be considered.



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.



PATIENT

Maggie Balseiro

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

17 Years

WEIGHT

7.1 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Jocelyn Hollway

HOSPITAL NAME

Valley Green VH

REFERRING VET

Dr. Oberer-Gerber

INVOICE

35033

DATE

12/22/25

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com