



PATIENT

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Salazar

INVOICE

71135

DATE

2/3/26

PRESENTING CLINICAL SIGNS

- PU/PD accidents in house Current meds Thyro tabs
- Hemoconcentration U/A Non hyaline casts proteinuria USG 1.012

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.2 cm. The right kidney measured 4.5 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.96 x 0.75 cm at the cranial pole and 0.5 cm at the caudal pole. The left adrenal gland measured 2.0 x 0.64 cm at the caudal pole and 0.8 cm at the cranial pole.

Spleen

The **spleen** revealed a focal, hypoechoic nodule that measured 0.6 cm in the mid body.

Liver

Exam of the cranial abdomen demonstrated excessive **liver** size, swollen contour, with conserved uniform architecture. Parenchymal echogenicity was diffusely isoechoic to the spleen and falciform fat. The hepatic veins were dilated. The gallbladder was mildly over distended with polypoid changes and striating bile. This is consistent with emerging mucocele.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



PATIENT

Pancreas

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

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** valvular assessment demonstrated adequate linear morphology. 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.

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Salazar

INVOICE

71135

DATE

2/3/26

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	None	None	1.0	1.5	50	80	0.1
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	90	1.23	NM	17.8 lbs	2.63	2.6	



PATIENT

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Salazar

INVOICE

71135

DATE

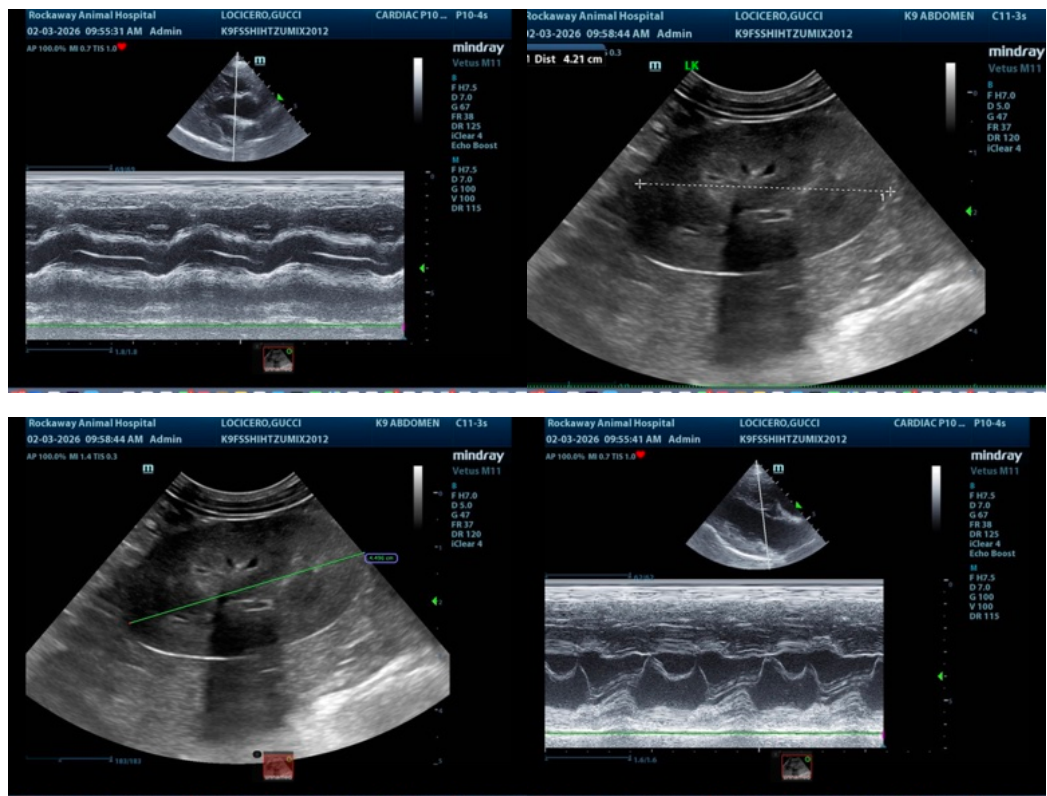
2/3/26

ULTRASONOGRAPHIC FINDINGS

- Normal echocardiogram, no evidence of pathology.
- Passive congestion liver pattern, exact cause is unclear as the heart appears unremarkable.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of PU/PD is unclear. Chest radiographs are warranted to assess for any obstructive disease in the caudal thorax. Full urinary work-up is indicated if not already performed. I cannot rule out deep urethral pathology. If the patient is straining, then high resolution linear probe imaging of the deep pelvic urethra may be appropriate.





PATIENT

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

**IMAGING
PERFORMED BY**

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

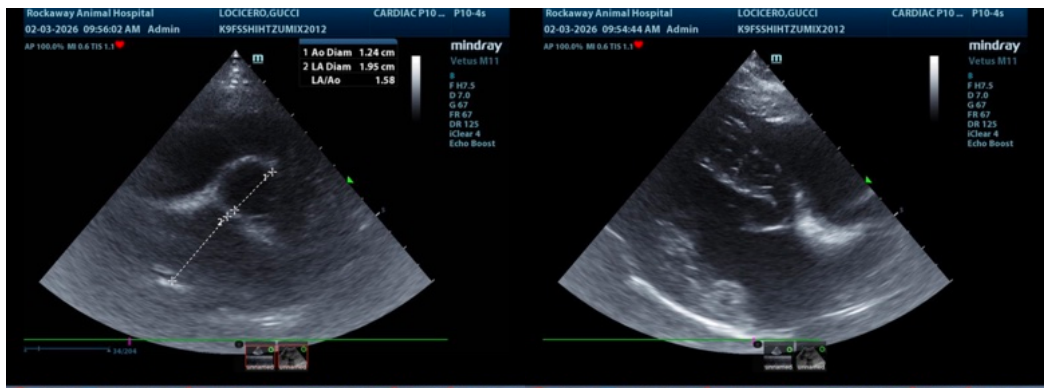
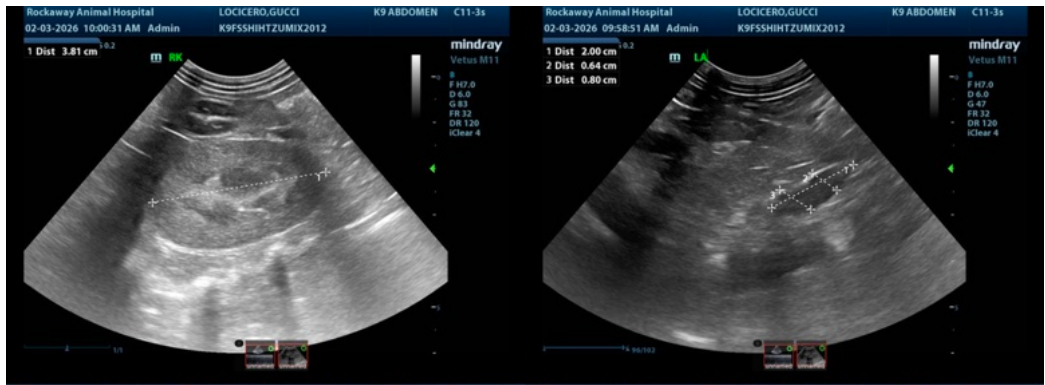
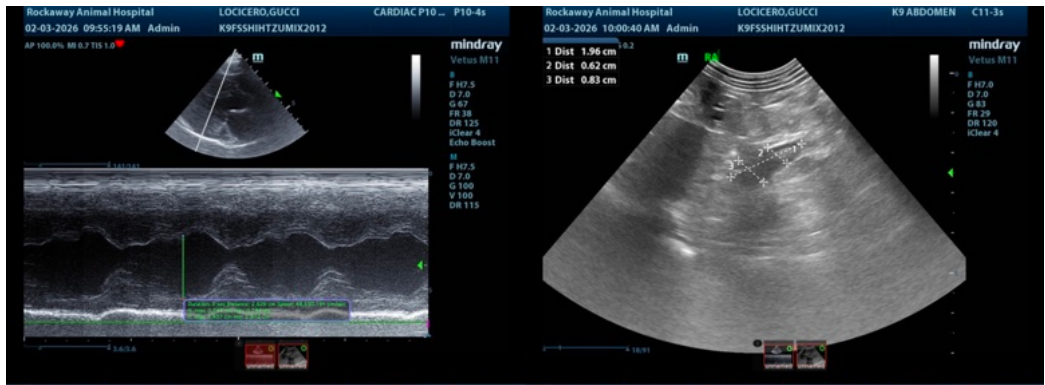
Dr. Salazar

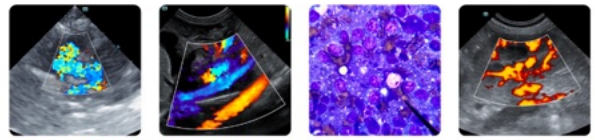
INVOICE

71135

DATE

2/3/26





PATIENT

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

**IMAGING
PERFORMED BY**

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

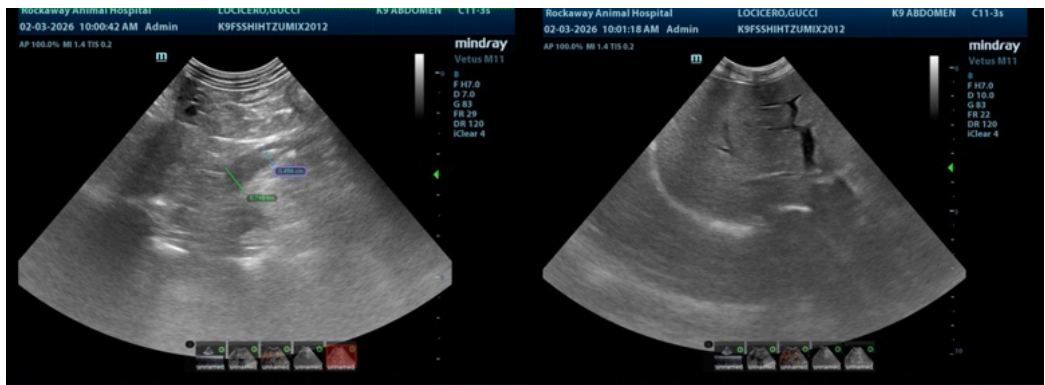
Dr. Salazar

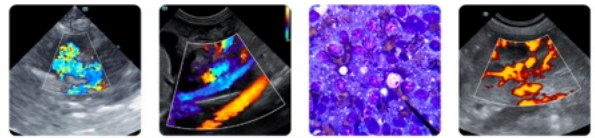
INVOICE

71135

DATE

2/3/26





PATIENT

Gucci Locicero

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

13 years

WEIGHT

17.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Salazar

INVOICE

71135

DATE

2/3/26



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com