



PATIENT PRESENTING CLINICAL SIGNS

Louie Graham Aguilar

History of chronic weight loss and hyperthyroidism. He is being controlled with intradermal methimazole with a T4 at 4.9 mg/dl (0.1 mg/dl higher than the reference). On bloodwork, he had an elevated ALT at 416, ALP at 169 and Amylase at 1174. He is eating well at home and was sedated with Alfaxan/butorphanol for his scan today.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

DSH

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Neutered Male

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. Pinpoint mineralization noted. The left kidney measured 3.7 cm. Blood flow appeared to be adequate to slightly subnormal on color flow assessment. The right kidney measured 4.0 cm. Degenerative changes were mild.

AGE

13 Years

WEIGHT

8.32 Pounds

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** was enlarged with swollen contour, measuring up to 1.6 cm in width.

IMAGING PERFORMED BY

Dr. Dorris

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Increased portal markings noted. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder and common bile duct were unremarkable.

HOSPITAL NAME

County Line VC

Gastrointestinal

REFERRING VET

Dr. Dorris

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.

INVOICE

46633

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

DATE

4/12/23



PATIENT

Louie Graham Aguilar

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

8.32 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Dorris

HOSPITAL NAME

County Line VC

REFERRING VET

Dr. Dorris

INVOICE

46633

DATE

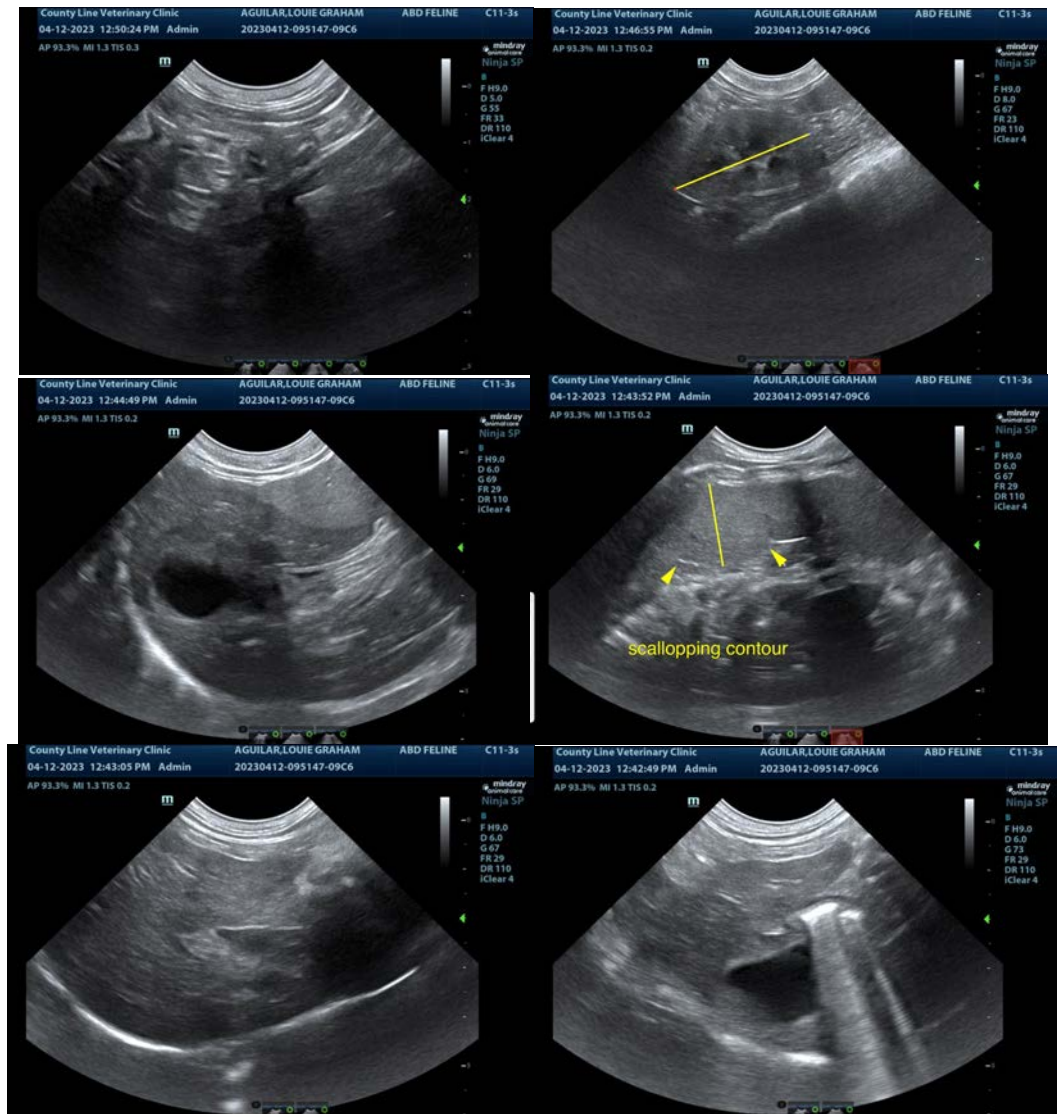
4/12/23

ULTRASONOGRAPHIC FINDINGS

- Splenomegaly - Differentials include round cell neoplasia, splenitis, reactive spleen.
- Hepatic remodeling and cholangitis pattern
- Chronic interstitial nephrosis

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA spleen and liver strongly recommended in this patient. If neoplasia is found in the spleen and not in the liver, then splenectomy would be recommended. Management should be based on inflammatory cell type of the liver. Neoplasia is not suspected in the liver yet cannot be completely ruled out. Guarded prognosis depending upon FNA results.





PATIENT

Louie Graham Aguilar

SPECIES

Feline

BREED

DSH

SEX

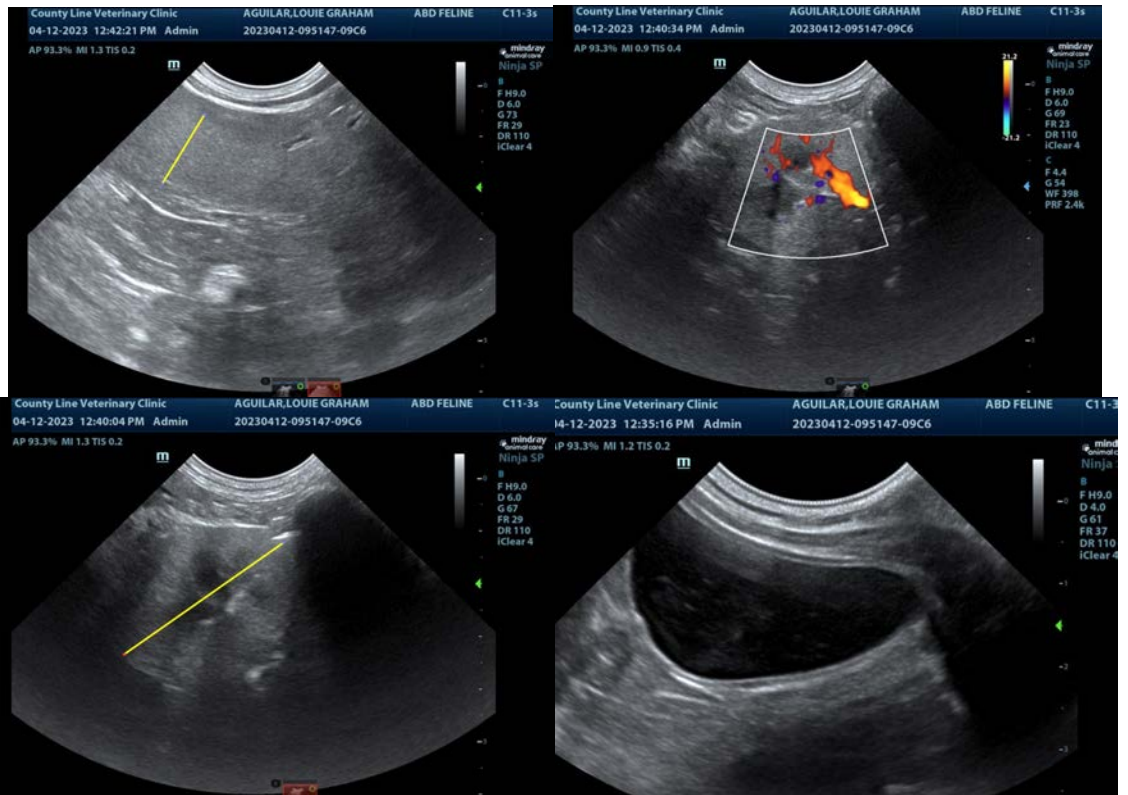
Neutered Male

AGE

13 Years

WEIGHT

8.32 Pounds



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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Dorris

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

HOSPITAL NAME

County Line VC

REFERRING VET

Dr. Dorris

INVOICE

46633

DATE

4/12/23