



PATIENT

Winston Gomes

SPECIES

Canine

BREED

Boston Terrier

SEX

Neutered Male

AGE

8 Years

WEIGHT

37.7

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Ohad Barnea

HOSPITAL NAME

Tenafly VC

REFERRING VET

Dr. Ohad Barnea

INVOICE

22390

DATE

5/8/23

PRESENTING CLINICAL SIGNS

History: PET WAS ZEUTERED AS PUPPY OWNER THOUGHT SAW BLOOD IN URINE FWE WEEKS AGO BUT LAST US WAS PERFECTLY NORMAL OFFICE DID END UP RX AB X 7 DAYSW/O UA F/U.... AND NOW PET S FINE ACC/T OWNER SEIZURES ON ZONISAMIDE RECENT BILE ACIDS ELEVATED =54 CC--- PU/PD SINCE 2/23 GAIN A LOT OF WEIGHT ALP OVER 500 AS OF 1/23 BW/UA AND URINE CULTURE / BP DONE TODAY R/O CUSHING VS OTHER

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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 were noted. Ureteral papillae were normal.

One still image revealed a mildly heterogenous **prostate**, measuring 3.06 cm x 0.9 cm. This is not typical of carcinoma. Assessment for retained testicle is indicated, however, traumatic catheterization may be an option if clinical signs are persistent regarding the hematuria, as the prostate appears to be mildly enlarged for a neutered male.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 his age patient. Medullary structure differed distinctly from that of the cortex. The right kidney measured 5.04 cm. The left kidney measured 5.04 cm. Slight pyelectasia was noted in the left kidney.

Adrenal Glands

Both **adrenal glands** were mildly enlarged. The right adrenal gland measured 2.95 cm x 0.88 cm. The left adrenal gland measured 0.97 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. This is a minor change. No evidence of portosystemic shunts.

Gastrointestinal


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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.

SPECIES

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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.

BREED

Boston Terrier

ULTRASONOGRAPHIC FINDINGS
SEX

Neutered Male

- One still image revealed a mildly heterogenous prostate. Assessment for retained testicle is indicated, however, traumatic catheterization may be an option if clinical signs are persistent regarding the hematuria, as the prostate appears to be mildly enlarged for a neutered male.

AGE

8 Years

- Bilateral adrenal hypertrophy would suggest PDH/Cushings

- Unremarkable liver, no evidence of portosystemic shunt

- Age-related renal changes with left pyelectasia

WEIGHT

37.7

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the seizure activity, CT with contrast is indicated of the CNS.

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ABOUT SONOPATH CT SERVICES:

SonoPath CT Services are offered at the SonoPath Imaging and Veterinary Education Center, 141 Main St (rt 206), Andover, New Jersey, a 20-minute drive west on route 80/206 North from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at <https://sonopath.com/resources/sonopaths-teleconsultation-services-and-sdep-certification/sonopath-ct-services>

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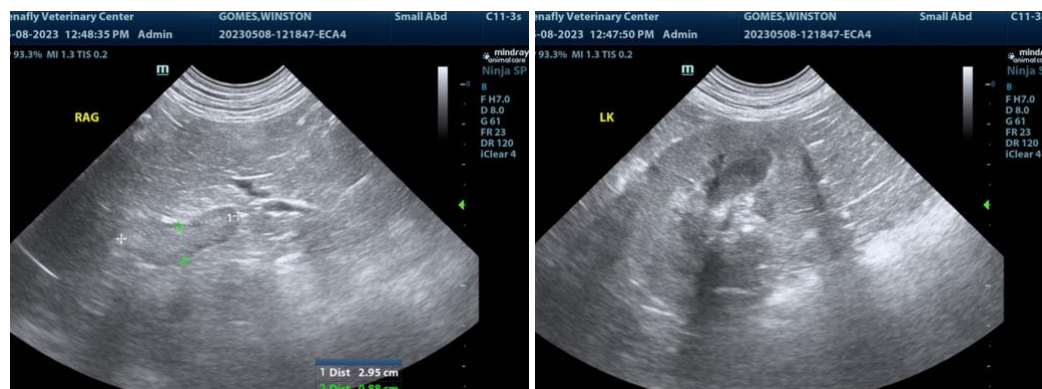
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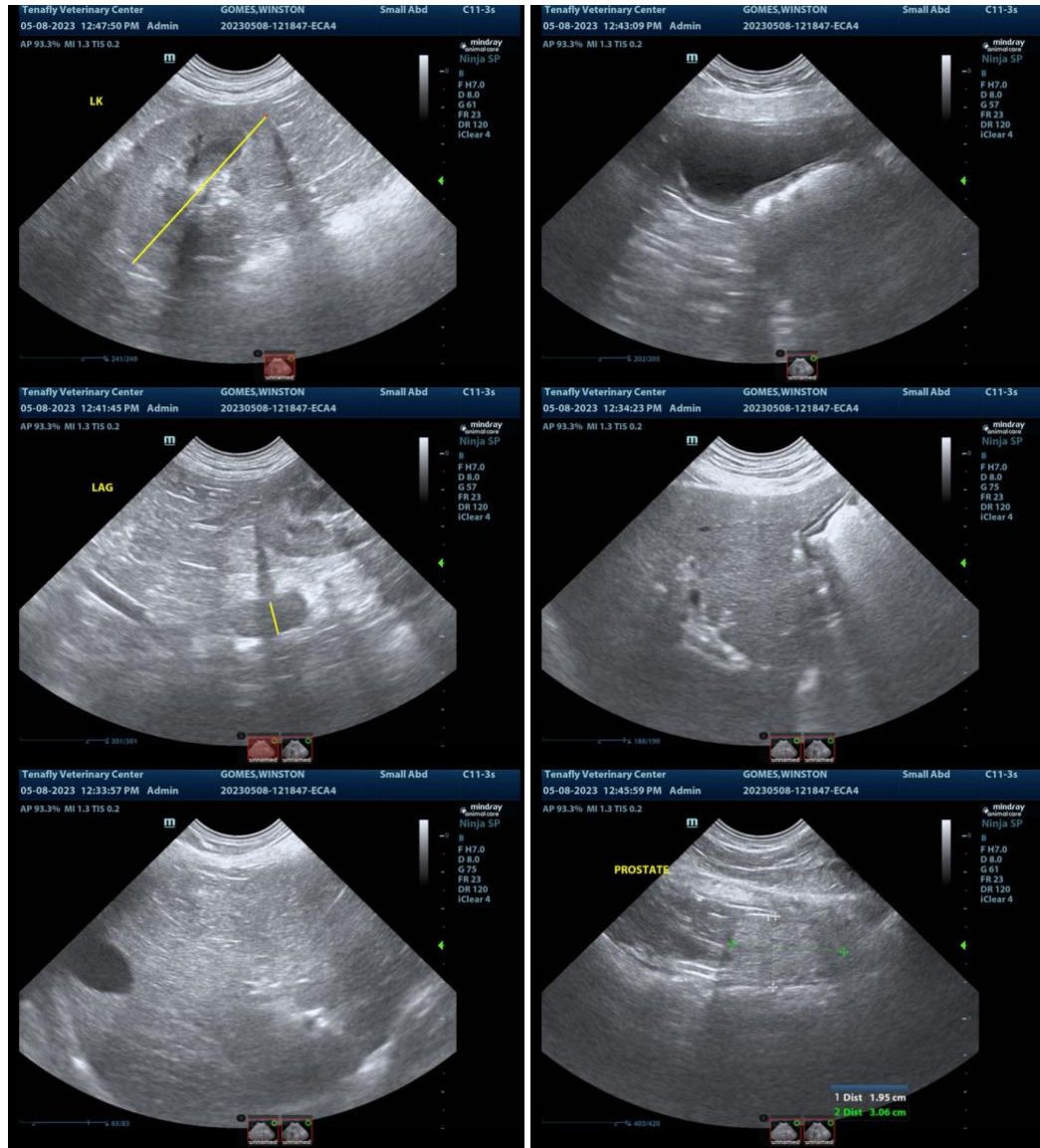
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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