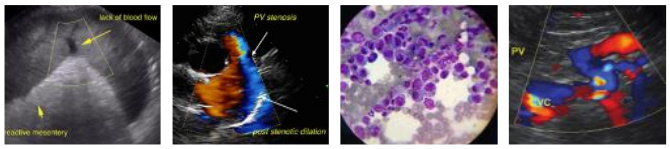
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Maximus Wood

SPECIES

Canine

BREED

Pitbull

SEX

Male

AGE

11 Years 10 Months

WEIGHT

44.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Joan Gramazio

HOSPITAL NAME

Shohola VH

REFERRING VET

Dr. Joan Gramazio

INVOICE

22211

DATE

4/28/23

PRESENTING CLINICAL SIGNS

History: Weight loss, wobbling in the hind end, on and off constipation. Hard baseball sized swelling along the caudal aspect of the abdomen in the area of the prostate. Licking testicles at home constantly. Patient is aggressive ultrasound performed with gabapentin, trazadone, midazolam, torb, and dexdom in order to handle and perform ultrasound.

Abnormal PE/Chem/CBC/UA Results: Cytology/FNA of prostate pending Platelets 512 (43-448) thyroid <0.4 (1-4) SG 1040 urine protein 2+

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.

The **prostate** was uniformly enlarged (5.2 cm) with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis. Neutering or off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture. This is a moderate change. Significant prostatomegaly was noted with microcystic changes and deviation of the descending colon was present. No overt evidence of abscessation.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.9 cm. The right kidney measured 7.6 cm.

Adrenal Glands

The **left adrenal gland** was 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 left adrenal gland measured 0.6 cm.

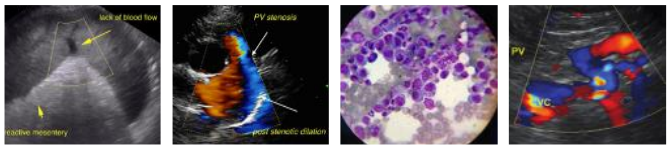
The **right adrenal gland** was not visualized.

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. Caudal folding of the spleen was noted.

Liver

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
SonoPath.com
1-800-838-4268 info@sonopath.com



PATIENT

Maximus Wood

SPECIES

Canine

BREED

Pitbull

SEX

Male

AGE

11 Years 10 Months

WEIGHT

44.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Joan Gramazio

HOSPITAL NAME

Shohola VH

REFERRING VET

Dr. Joan Gramazio

INVOICE

22211

DATE

4/28/23

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 mild change.

Gastrointestinal

A minor amount of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

Pancreas

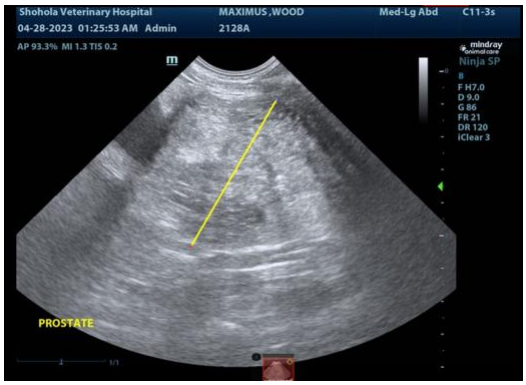
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes.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

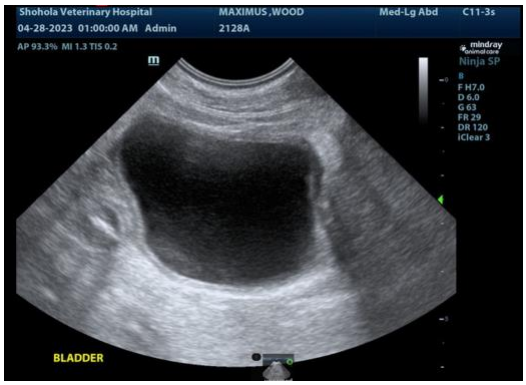
ULTRASONOGRAPHIC FINDINGS

- Moderate to severe BPH prostate with potential prostatitis
- Hepatopathy
- Stomach ingesta
- Age-related pancreatic changes

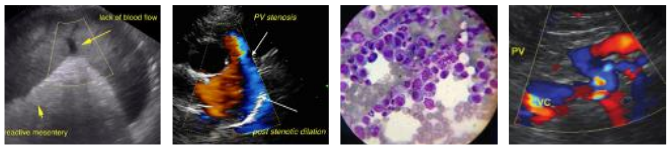
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of weight loss is not evident. The constipation is likely owing to the prostatic disease. Neutering is recommended. Minimal potential for neoplasia. Age-related abdominal changes were noted otherwise.





SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Maximus Wood

SPECIES

Canine

BREED

Pitbull

SEX

Male

AGE

11 Years 10 Months

WEIGHT

44.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Joan Gramazio

HOSPITAL NAME

Shohola VH

REFERRING VET

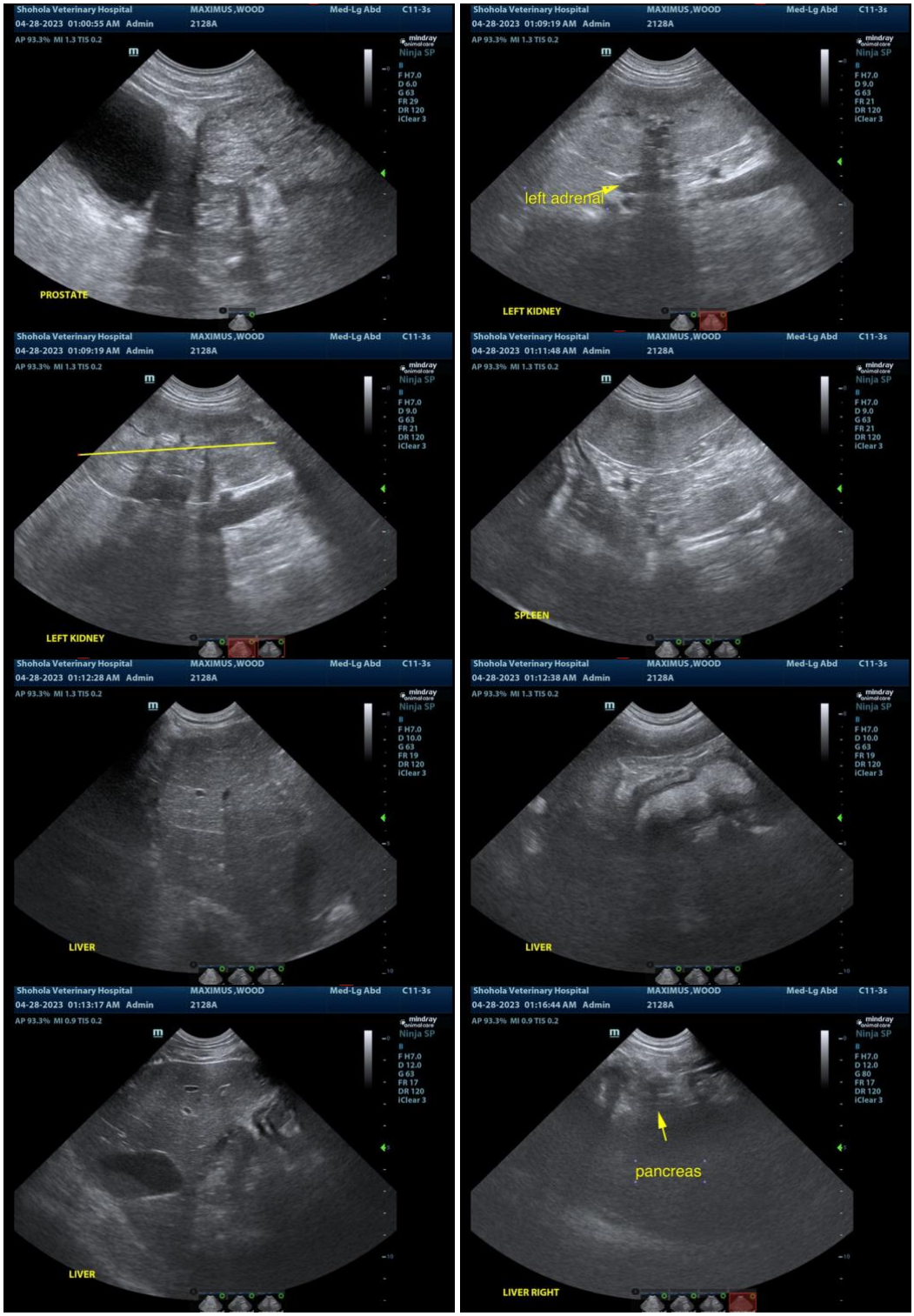
Dr. Joan Gramazio

INVOICE

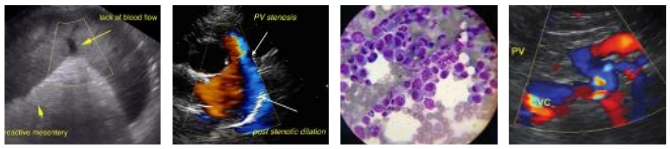
22211

DATE

4/28/23



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Maximus Wood

SPECIES

Canine

BREED

Pitbull

SEX

Male

AGE

11 Years 10 Months

WEIGHT

44.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Joan Gramazio

HOSPITAL NAME

Shohola VH

REFERRING VET

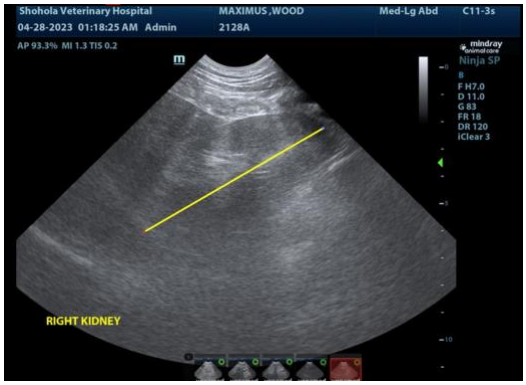
Dr. Joan Gramazio

INVOICE

22211

DATE

4/28/23



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