



PATIENT

Schnapps Graetz

PRESENTING CLINICAL SIGNS

Suspected abdominal mass noted on prior sonogram.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Weimaraner

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.

SEX

Intact male

The **prostate** was uniformly enlarged 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. The prostate measured 7.0 cm with slight areas of pericapsular free fluid and a 2.0 x 1.0 cm cyst at the lateral aspect of the right lobe.

AGE

10 years

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Minor testicular remodeling was noted. A focal right testicular nodule was noted and measured 1.15 cm. This has reduced compared to the prior sonogram. This belongs to the proximal epididymis.

IMAGING PERFORMED BY

Eric Lindquist, DMV
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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.

Adrenal Glands

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Franklin Lakes AH

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 left adrenal gland measured 3.56 x 0.78 cm. The right adrenal gland measured 3.96 x 1.4 cm at the cranial pole and 0.79 cm at the caudal pole.

REFERRING VET

Dr. Zilberman

Spleen

INVOICE

93121

The **spleen** revealed minor heterogenous changes with a hypoechoic, non-disruptive 1.0 cm nodule in the mid caudal body.

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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. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



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infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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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. The colon was filled with hard stool and was deviated owing to the prostatomegaly.

BREED

Weimaraner

SEX

Intact male

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.

AGE

10 years

Free Abdomen

Slight free fluid was noted in the mesenteric root in this patient.

INTERPRETED BY

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ULTRASONOGRAPHIC FINDINGS

Nodular epididymis, reduced compared to the prior sonogram.

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BPH prostate moderate to severe causing delayed colonic outflow.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient likely had a bout of epididymitis at the time of the prior sonogram, which created a nodular change. The ileocecal thickening noted on the prior sonogram is no longer present. However, it is likely owing to hypertrophy of chronic stool impaction. I recommend neutering in this patient, Enrofloxacin or similar antibiotic in regards to the prostate. A recheck sonogram is recommended in 3 weeks to assess the mesenteric root and prostate.

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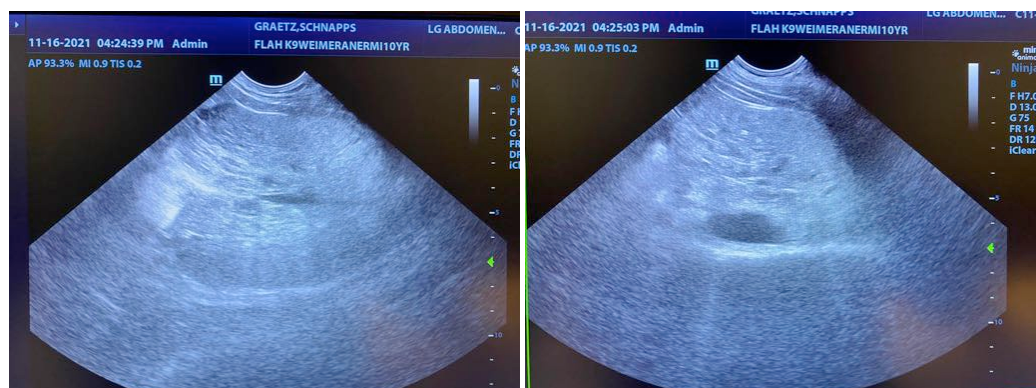
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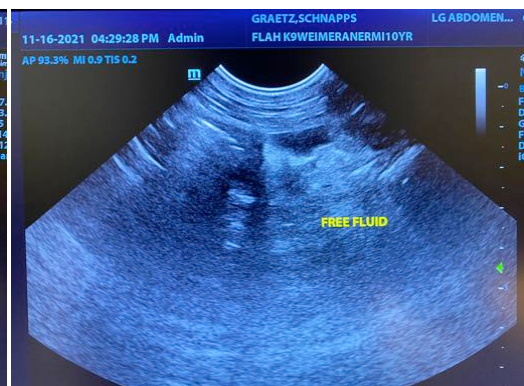
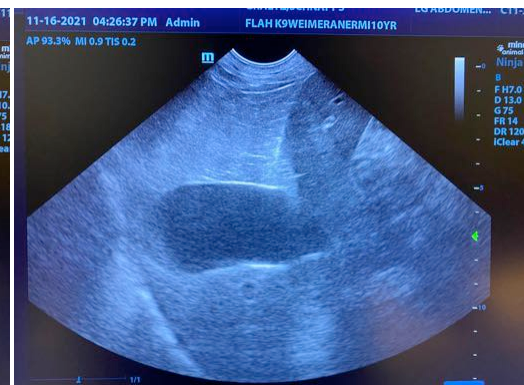
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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Canine

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.

BREED

Weimaraner

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SEX

Intact male

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