



PATIENT

PRESENTING CLINICAL SIGNS

Leroy Lister

History: Dog has been straining to have a BM.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Has an enlarged prostate with a firm lump on the left cranial pole. Also had a thickening of the right rectal wall which has since resolved with Tylosin treatment for colitis Xrays 1. Mild constipation in an otherwise unremarkable abdomen. 2. Unremarkable geriatric thorax. 3. Mild elbow arthritis CBC: WNL CHEM: Phos 0.52 (N 0.81-2.20) Na 161 (N 144-160) SDMA 15 (N 0-14) TT4 36 (N 13-51) U/A: Free catch, dark yellow, sl cloudy, USG 1.034, pH 8.0, Leu 25, Pro/Glu/ Bil Negative, Ket 15, UBG normal, Bld 10. SEDI: WBC 47/HPF, RBC 13/HPF, Bac 0, Non-SEC 1-2/HPF, Cast 0, Crystals 0 Significant pyuria consider upper and lower urinary inflammation or infection

Canine

BREED

Goldendoodle

SEX

Urinary System

Neutered male

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.

AGE

9 years

The **prostate** was enlarged for a neutered male with areas of mineralization. The prostate measured 2.7 cm.

WEIGHT

24.75 kg

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.53 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

IMAGING PERFORMED BY

Dr. Barnes

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 2.95 x 0.49 cm at the cranial pole and 0.48 cm at the caudal pole. The right adrenal gland measured 2.34 x 0.36 cm at the cranial pole and 0.5 cm at the caudal pole.

HOSPITAL NAME

Westview VH

Spleen

REFERRING VET

Dr. Barnes

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 was noted.

INVOICE

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Liver

DATE

2/24/23

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



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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, 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.

SPECIES

Canine

Gastrointestinal

BREED

Goldendoodle

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.

SEX

Neutered male

Pancreas

AGE

9 years

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.

WEIGHT

24.75 kg

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

Mineralized, enlarged prostate. Consistent with prostatic carcinoma.

Age related changes otherwise.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is concern for early prostatic carcinoma. History of constipation is likely owing to the prostate.

IMAGING PERFORMED BY

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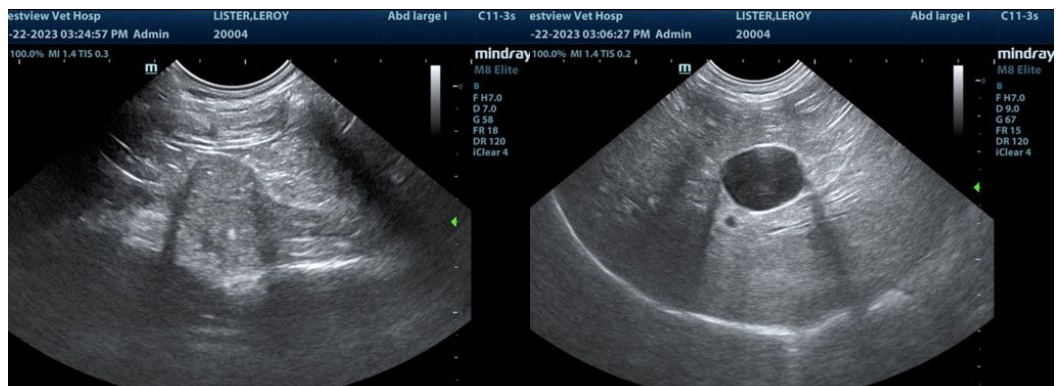
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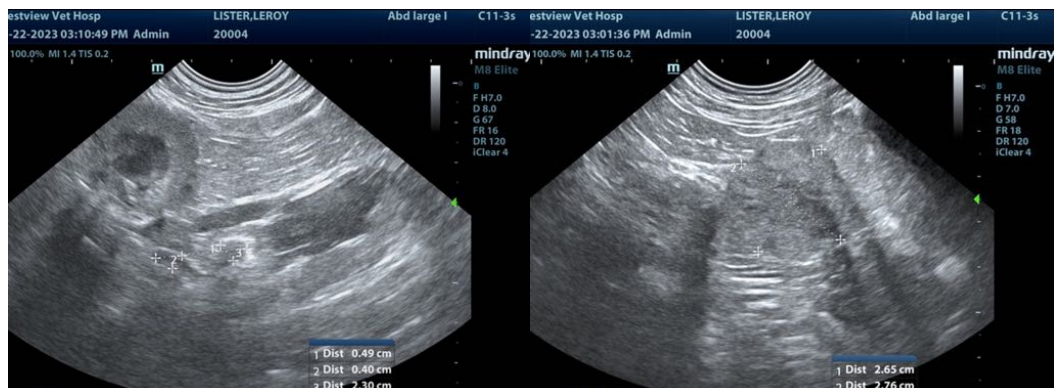
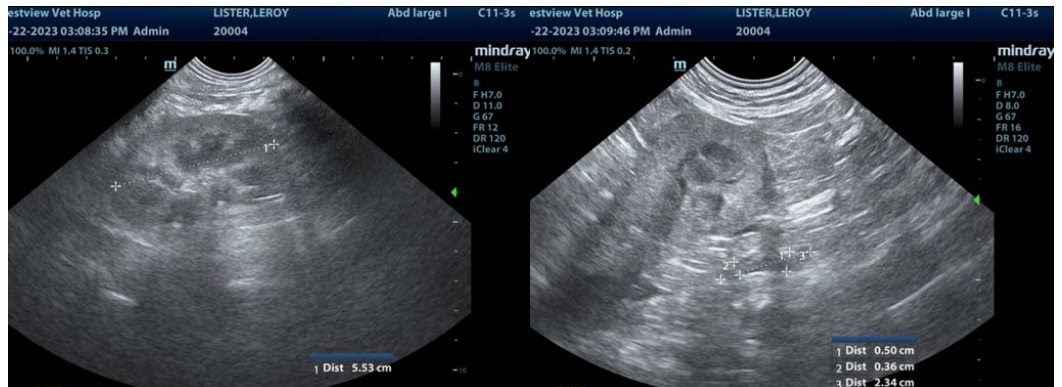
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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