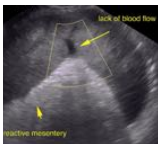

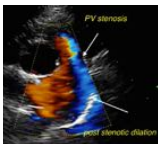

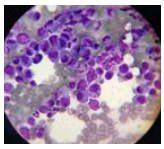
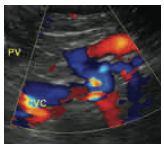

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1-800-838-4268 info@sonopath.com

PATIENT

Maximus Lindsay

SPECIES

Canine

BREED

Scottish Terrier

SEX

Neutered male

AGE

8 years

WEIGHT

20 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Maniar

INVOICE

94376

DATE

12/7/21

PRESENTING CLINICAL SIGNS

History: Owner is breeder and has patient on very high protein diet since symptoms began Patient has bilateral alopecia on trunk Patient has had mild weight loss and overall ADR 4-5 BM a day that are a more yellow color This all started after patient was neutered 5/21/21 On We have tried 4 weeks of Enrofloxacin, metronidazole, prednisolone, and Denamarin and 3 days of panacur the TP did normalize after starting pred,
Abnormal PE/Chem/CBC/UA Results: November workup prior to starting pred: Fecal: Negative, ACTH stim pre 5 and post 20, TP and ALB were low and liver values were mildly increased Labs performed today: Chemistry: BUN - 6 , ALKP - too high to read , CHOL - 445 , AMLY - 385 , LIPA - 140. U/A: SG >1.050 , WBC 4/HPF , RBC 15/HPF , CRY 1-5/HPF. rods and cocci present

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 was noted. Ureteral papillae were normal.

The residual prostate was enlarged and measured 2.0 cm.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present.

Adrenal Glands

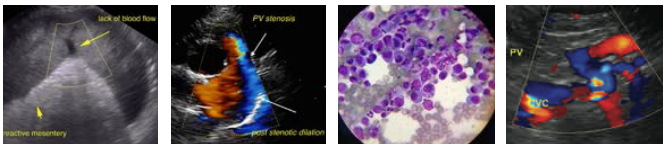
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.6 cm. The right adrenal gland measured 0.7 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 was noted.

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



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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.

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. Transit of chyme into the small invested was noted. . No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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.

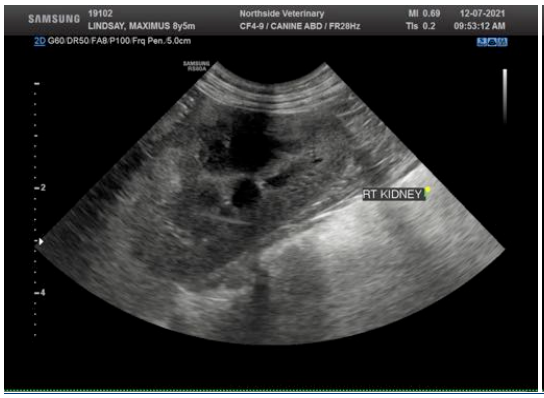
ULTRASONOGRAPHIC FINDINGS

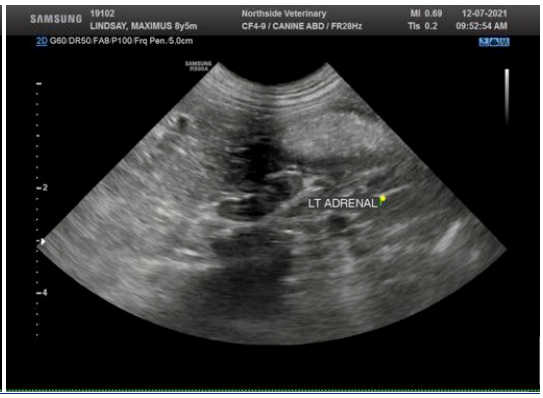
Unremarkable.

Age related hepatic, no evidence of significant disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If straining to urinate is an issue then FNA or traumatic catheterization are indicated. If the patient was neutered at a later age then the patient may have had prostatic disease prior to neutering. FNA of the liver can be considered; however, structurally it appears unremarkable.





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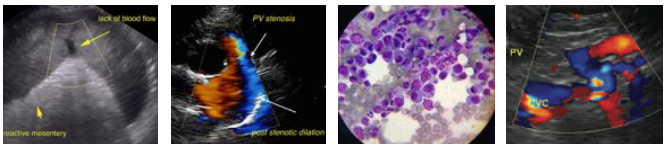

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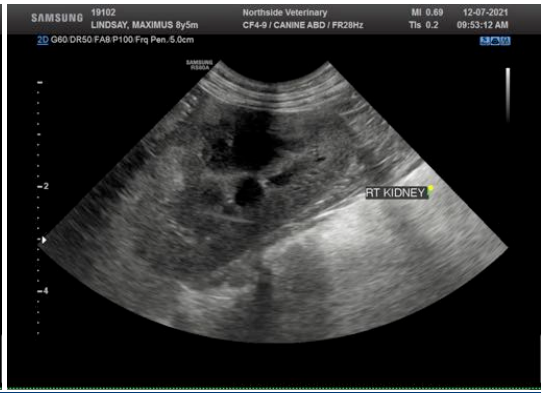

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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