



PATIENT

Joy Andress

PRESENTING CLINICAL SIGNS

Elevated liver values. Current meds: Zycortal, Prednisone, Denamarin.
Abnormal PE/Chem/CBC/UA Results: AST 71, ALT 423, Ca 12.2, PSL 202

SPECIES

Canine

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

BREED

Standard Poodle

SEX

Spayed Female

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 right kidney measured 6.08 cm.

AGE

6 Years

Adrenal Glands

Both **adrenal glands** were flattened, isoechoic, and subnormal in width. The right adrenal gland measured 2.34 cm x 0.45 cm at the cranial pole and 0.56 cm at the caudal pole. The left adrenal gland measured 1.69 cm x 0.28 cm at the cranial pole and 0.28 cm at the caudal pole.

WEIGHT

44 Pounds

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. The spleen measured 1.6 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

Liver

The **liver** revealed slight coarse architecture and minor heterogeneous parenchyma. The gallbladder and common bile duct were unremarkable.

HOSPITAL NAME

Newton Vet Hospital

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 chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

REFERRING VET

Dr. Wyman-Greenwald

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.

INVOICE

26273

ULTRASONOGRAPHIC FINDINGS

DATE

10/14/21

- Unremarkable abdomen with minor hepatic remodeling – history of inflammatory hepatopathy likely.
- Flattened adrenal glands



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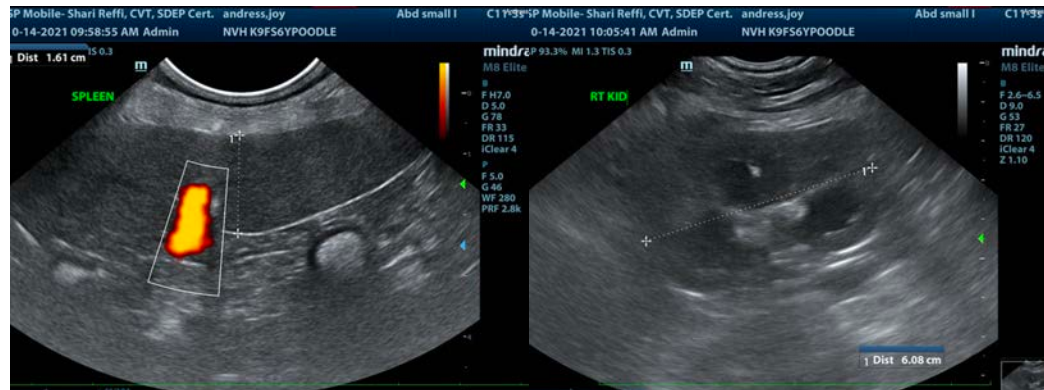
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the breed predisposition to Addison's and flattened adrenals, screening for Addison's disease warranted. FNA of the liver warranted. Prednisone therapy may be suppressing the adrenal glands as well as other pathological processes.



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.

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