



PATIENT PRESENTING CLINICAL SIGNS

Quincy Spooner

History: Approximately one year history hair loss, and approximate 3 month history of inappetence and weight loss. Was 72 lbs in 3/2023. Owner has tried multiple different diets and "top dressings". No other GI signs (no vomit/diarrhea). Started on Soloxine 0.6mg in 4/2023 after MSU Thyroid panel revealed low TT4, TT3, and FT4 (FSH and autoantibody levels WRI). Recheck TT4 (in-house) was mid-high normal range.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Most recent PE 6/16/2023 - BCS 4/9, but but weight loss of 1lb in 3 weeks. Sternum/ventral abdomen alopecia with thin/flakey skin, mild erythema. Alopecic area dorsal proximal 1/3rd tail, with evidence of some hair regrowth. Coat good remainder of body.

BREED

Pitbull

Remainder of PE WNL. CBC/Chem (4/25/23) - All WRI (Na:K 38) Abdominal and Thoracic Radiographs (4/25/23) - No significant/obvious abnormalities noted Texas GI Panel (6/20/23) - Elevated cTLI (>50ug/L) and cPLI (233ug/L). Folate/Cobalamin WRI.

SEX

Neutered male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

AGE

8 years

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and appeared normal. 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.

WEIGHT

64 lbs

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 6.95 cm. The left kidney measured 6.54 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Coe

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 2.12 x 0.61 cm at the caudal pole and 0.65 cm at the cranial pole. The right adrenal gland measured 0.9 cm at the cranial pole and 0.7 cm at the caudal pole.

HOSPITAL NAME

Riverside AC

Spleen

REFERRING VET

Dr. Coe

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.

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PATIENT

Liver

Quincy Spooner

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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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 chyme and stool consistency respectively. Excessive gas was noted in the transverse colon or gastric fundus. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

AGE

8 years

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.

WEIGHT

64 lbs

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I cannot rule out the potential of emerging pathology, yet no overt pathology was noted with any organ systems at this time.

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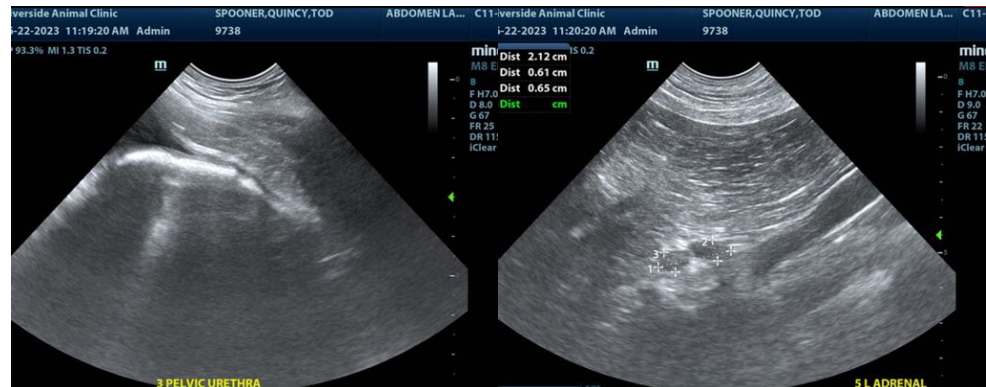
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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