



PATIENT

Max Ellis

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

9 years

WEIGHT

11.2 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Dr. Kelly Vida

HOSPITAL NAME

Sherrills Ford AH

REFERRING VET

Dr. Vida

INVOICE

69774

DATE

1/5/26

PRESENTING CLINICAL SIGNS

History: History of recent PU/PD for few week duration.

Abnormal PE/Chem/CBC/UA Results: TOTAL PROTEIN 11.2 ALBUMIN 1.8g/dL GLOBULIN 9.4 AST (SGOT) 126 ALT (SGPT) 236 IU/L ALK PHOS 218 GGT 6 BUN 36 CREATININE 1.2 SDMA 12.0 GLUCOSE 64 USG previously evaluated in house at 1.020; protein 30 mg/dl; otherwise NSF on U/A

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 3.5 cm, right measured 4.2 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

The prostate is small and hypoechogenic.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.28 cm in length x 0.45 cm and 0.44 cm in width. The right adrenal gland measured 1.68 cm in length x 0.39 cm and 0.4 cm in width.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 1.2 cm in width.

Liver

The liver is enlarged with rounded edges, diffuse increased echogenic appearance, decreased portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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Gallbladder

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

- Hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive hyperplasia, vacuolar and metabolic and with the severe hypoglobulinemia infiltrative neoplasia is an important differential diagnosis. Hepatitis would be a less likely differential diagnosis.

Further assessment would be serum protein electrophoresis and FNA cytology of the liver.

A tru cut or wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.



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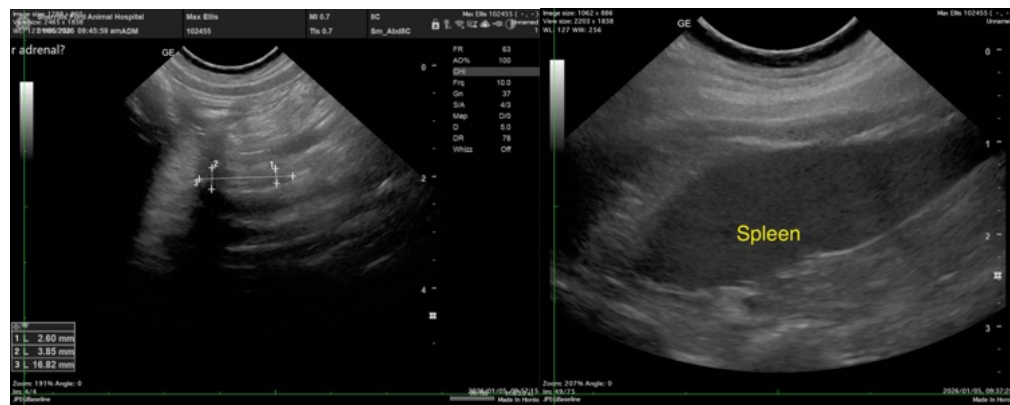
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

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