



PATIENT

Zoli Daniluk

SPECIES

Canine

BREED

Morkie

SEX

Spayed female

AGE

11 years

WEIGHT

16 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

John Sampson

HOSPITAL NAME

Richboro VH

REFERRING VET

Dr. Hughes

INVOICE

77677

DATE

5/19/26

PRESENTING CLINICAL SIGNS

History: Progressive PUPD

Presented 9/25/25 for struggling to walk. Diagnosed with Lyme on 4Dx + C6. Went on doxy and C6 improved. Has had persistent proteinuria that got worse while on enalapril to 5.6, and now it has stabilized to 2.0.

Due to progressive PUPD and persistent proteinuria, an AUS was pursued.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. A scant amount of floating, hyperechogenic sediment.

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 4.0 cm, right measured 4.6 cm), normal echogenic appearance, some loss of cortico-medullary differentiation and normal pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.96 cm in length x 0.76 cm and 0.81 cm in width. The right adrenal gland measured 1.83 cm in length x 0.41 cm and 0.86 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 1.1 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

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.



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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

- Renal disease.

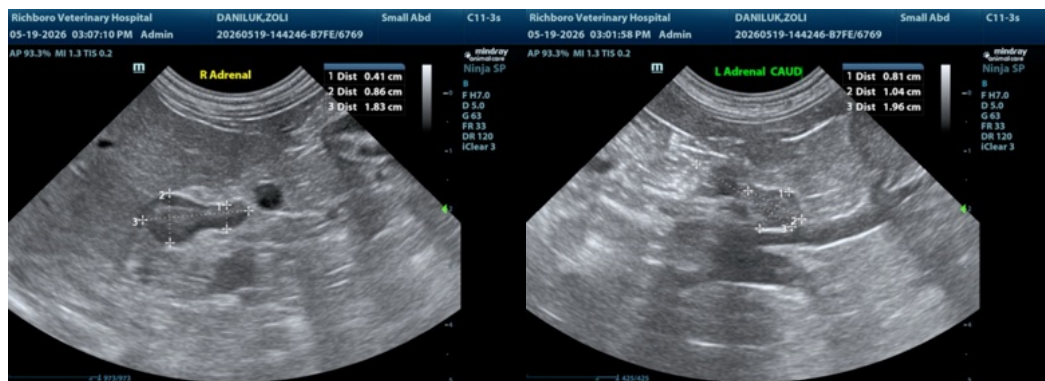
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys would be consistent with early chronic kidney disease and possibly secondary to glomerulonephritis.

Further assessment would be blood pressure measurements.

Management of the renal disease would be feeding a renal diet and the use of enteric phosphate binders as needed.

Additional therapy for the proteinuria would be an ace receptor blocker and Omega 3 fatty acids.





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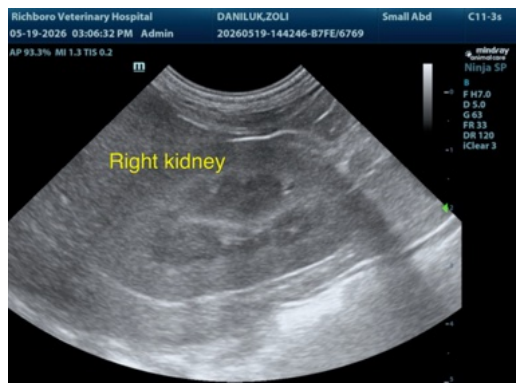
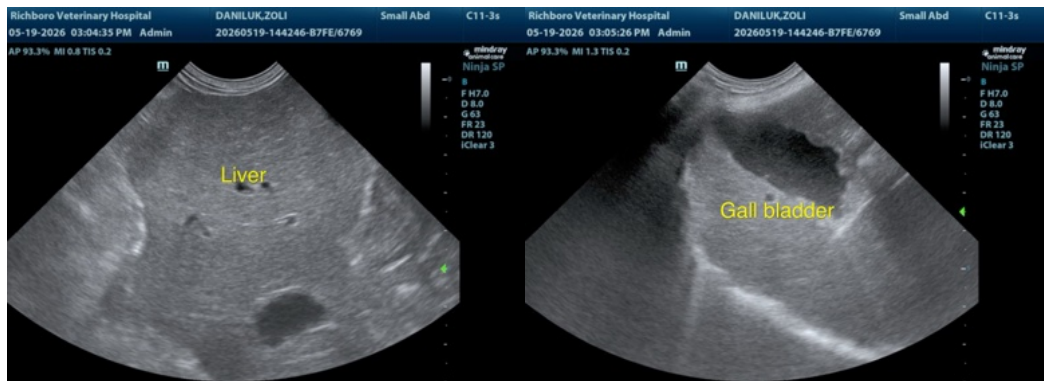
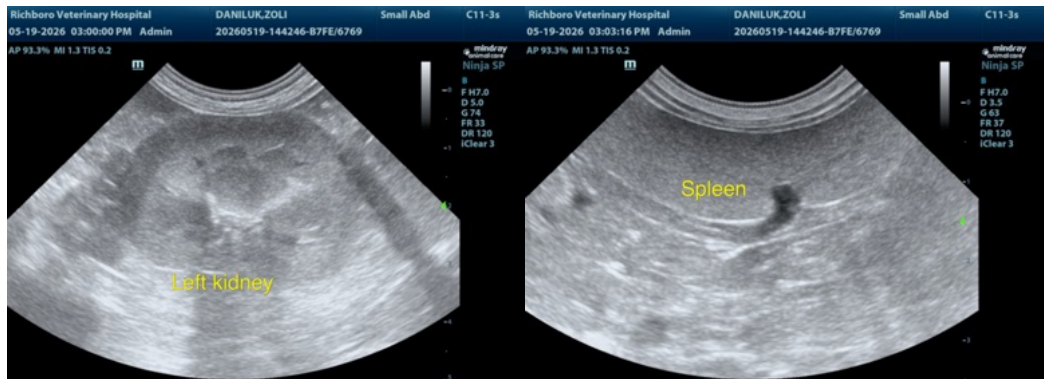
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

info@sonopath.com