



PATIENT

Rosie Cowen

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed female

AGE

12 years

WEIGHT

9.5 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Ward

HOSPITAL NAME

Kenora VC

REFERRING VET

Dr. Celine Ward

INVOICE

69223

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: Repeated Azotemia noted September 30th, October 17th. Poorly concentrated urine, hematuria, pyuria, noted September 30th, October 17th, October 27th, November 3rd (improved after treatment with Baytril - neg urine culture), November 25th Clinically doing well aside from a perceived "twitch" that temporarily resolved following antibiotic therapy as per owner but have since returned... Severe periodontal ds Ultrasound performed to determine if dental can be safely pursued.

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.

The left kidney has a normal renal size (3.7 cm in width), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. A few, small, non-obstructive renoliths are present. No infarcts or mineralization evident. Normal color flow pattern is evident.

Small, irregular, hyperechogenic right kidney measuring 1.0 x 2.0 cm in size with complete loss of corticomedullary differentiation and pyelectasia.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.4 cm in width. The right adrenal gland measured 0.45 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 1.3 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.



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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

- Right-sided nephropathy.
- Left renoliths.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the right-sided nephropathy would be previous bacterial cystitis, obstructive uropathy or pyelonephritis and possibly a congenital anomaly.

The left-sided renoliths can be considered incidental findings as dental disease can adversely affect renal function, dental therapy would be recommended for this patient.



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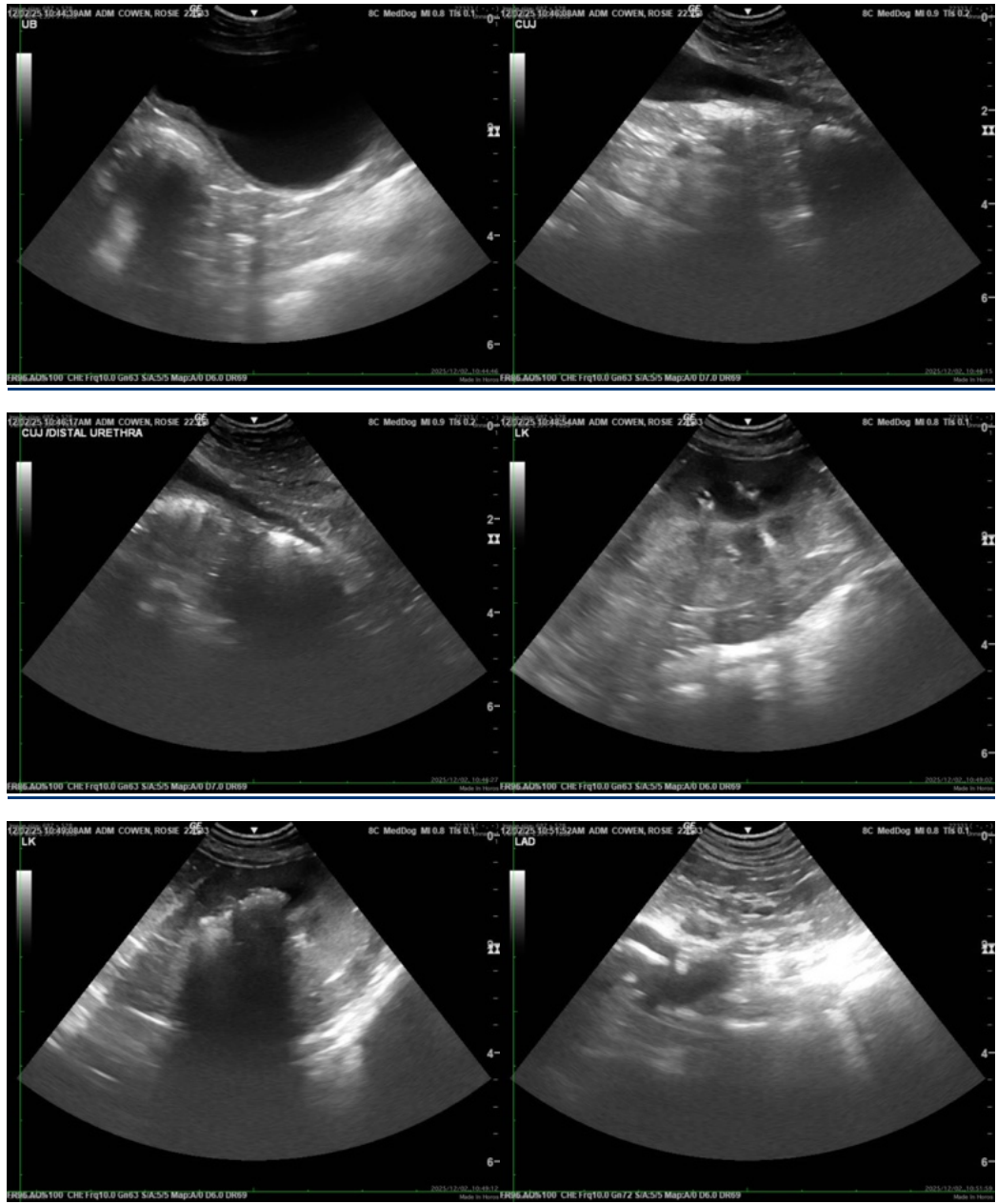
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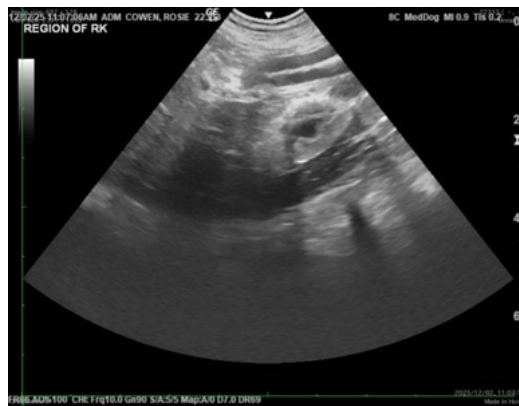
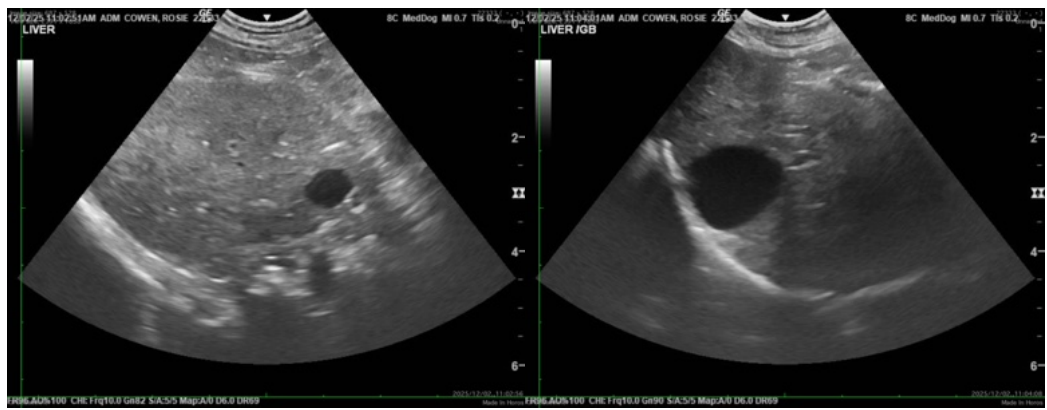
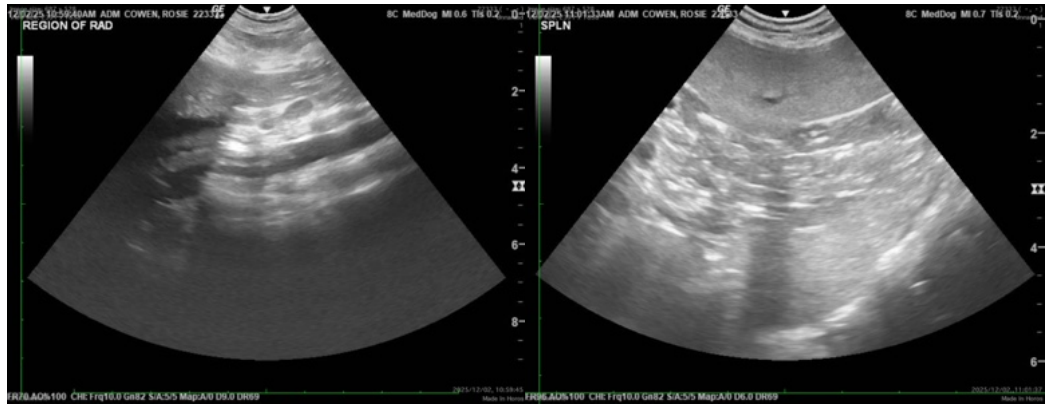
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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