



## PATIENT

Apollo Bacskai

## SPECIES

Canine

## BREED

Shepherd Cross

## SEX

Neutered male

## AGE

8 years

## WEIGHT

50 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Celine Ward

## HOSPITAL NAME

Kenora VC

## REFERRING VET

Dr. Ward

## INVOICE

69880

## DATE

1/6/26

## PRESENTING CLINICAL SIGNS

History: Vomiting duration 7 days, lethargic. UA: SG 1.038, proteinuria, hematuria, bacteriuria (cocci) CBC: Mild leukocytosis characterized by neutrophilia and monocytosis Chemistries: Mild hyperglycemia. Mild azotemia. Mild hyperglobulinemia. Lytes: Mild hypochloremia, mild hyponatremia PL: Normal Baseline cortisol: 334.3nmol/L Rads NSF although RT kidney difficult to observe Pyelonephritis suspected, started on Ciprofloxacin, symptoms improving.

## 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 6.8 cm, right measured 7.2 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, and capsule. No infarcts, mineralization or renoliths evident. Mild bilateral pyelectasia is noted. Normal color flow pattern is evident in both kidneys.

The prostate is small and hypoechogenic.

### Adrenal Glands

The adrenal glands are not clearly visualized, but appear to be of normal shape, echogenic appearance and size.

### 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 2.6 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**

- Mild bilateral pyelectasia.

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Although the pyelectasia may merely be an incidental finding, with the patient's history underlying pyelonephritis would be an important consideration.

Ideal further assessment would be urine culture.

Management would be to continue with the current therapy.



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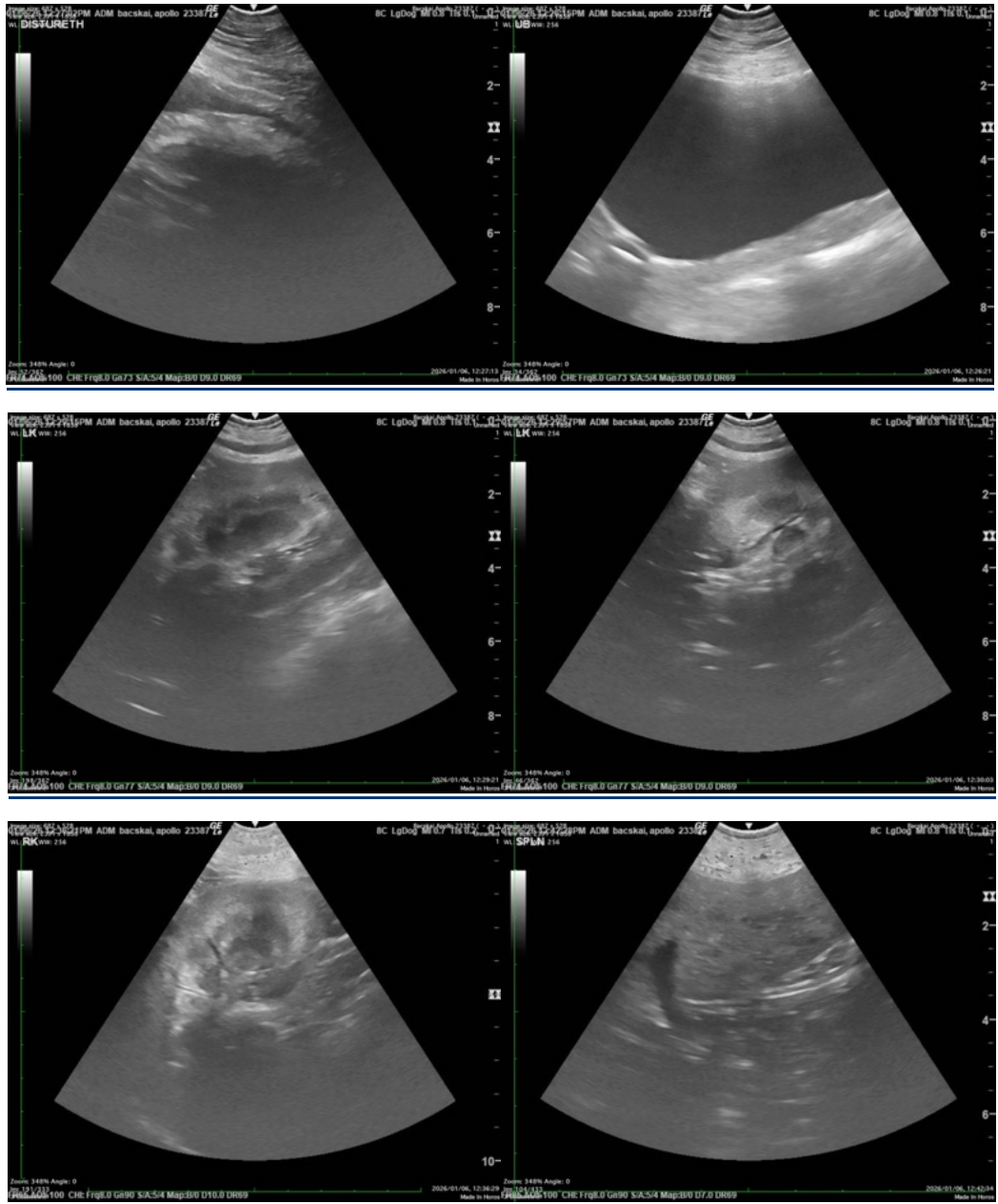
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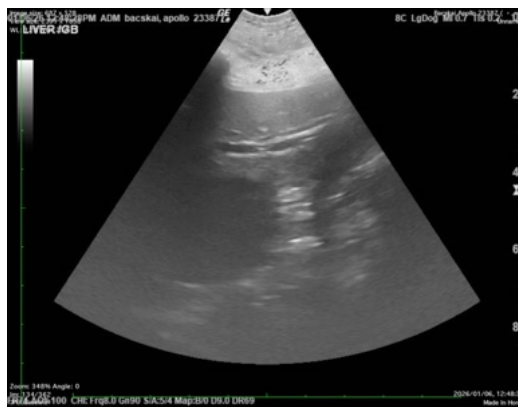
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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