



PATIENT

Dezi Customs

SPECIES

Canine

BREED

German Shepherd

SEX

Intact female

AGE

18 months

WEIGHT

68.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Matt

HOSPITAL NAME

TLC AH

REFERRING VET

Dr. Guafas

INVOICE

69517

DATE

12/22/25

PRESENTING CLINICAL SIGNS

History: 1 month duration of azotemia, no obvious underlying cause.

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 5.7 cm, right measured 6.0 cm), increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule. No infarcts, mineralization or renoliths evident.

The uterus and ovaries were not visualized.

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 0.52 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 3.9 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 small 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

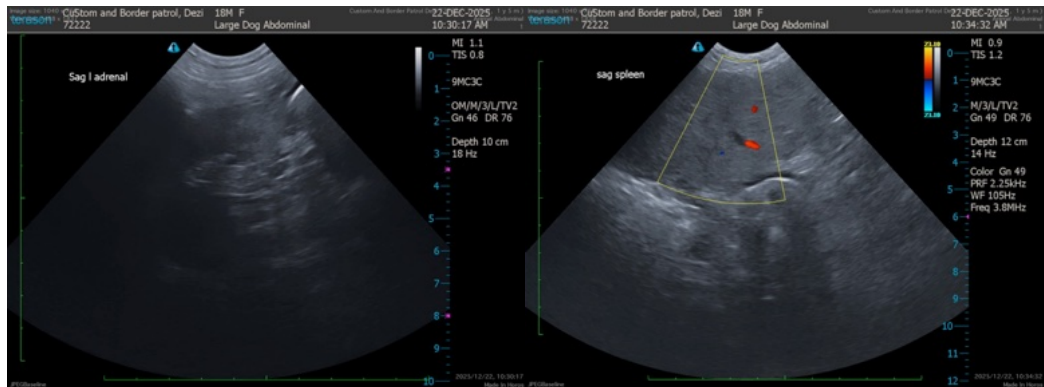
- Renal disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the renal disease would be previous episode of acute kidney injury or bacterial nephritis and possibly a congenital anomaly. Although less likely, Addison's disease should still be considered.

Further assessment would be basal cortisol and/or an ACTH stimulation test, urinalysis, possibly urine culture, UPC and blood pressure. A renal biopsy may be required for a final etiological diagnosis.

However, this would be unlikely to change the management of the renal disease. Management of the renal disease would be feeding a renal diet and the use of enteric phosphate binders as needed.





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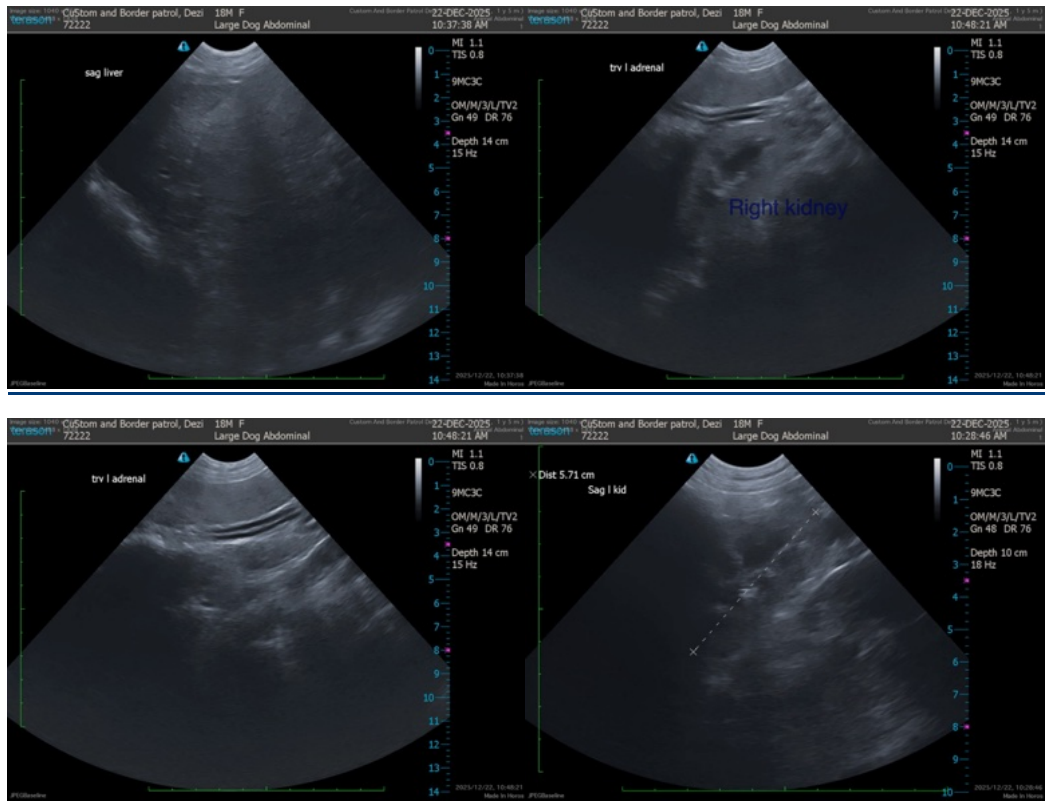
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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