



PATIENT

Everest Leshkivich

SPECIES

Canine

BREED

Bloodhound

SEX

Male

AGE

4 months

WEIGHT

17.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Patrick Hennigan

HOSPITAL NAME

Mattydale AH

REFERRING VET

Dr. Leshkivich

INVOICE

72103

DATE

3/2/26

PRESENTING CLINICAL SIGNS

- Poor eater/thin. Still BAR
- Body condition 2/5
- BUN 105 (6-31), Creat 3.2 (0.5-1.6), SDMA 39.3 (<14), Phos 14.7 (2.5-6.0)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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 5.5 cm, right measured 5.8 cm), increased echogenic appearance, loss of cortico-medullary differentiation, normal pelvis and an irregular capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

Normal size and appearance of the prostate measuring 0.6 x 1.3 cm in size.

Adrenal Glands

The adrenal glands were 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 1.2 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. A large amount of ingesta is present in the stomach compatible with a recent meal.

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.
- Urinary bladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys is consistent with chronic kidney disease. Due to the patient's age, renal dysplasia is an important consideration.

Differential diagnosis would be intrauterine hypoxia or infection and a previous episode of bacterial nephritis or acute kidney injury.

Etiologies for the urinary bladder sediment would be incidental debris, crystalluria and possibly bacterial cystitis.

Further assessment would be urinalysis, urine culture, UPC (if culture and sediment are negative) and blood pressure.

A renal biopsy would be required for a final etiological diagnosis. However, this is highly unlikely to change the management of the patient.

Management would be as for chronic kidney disease.



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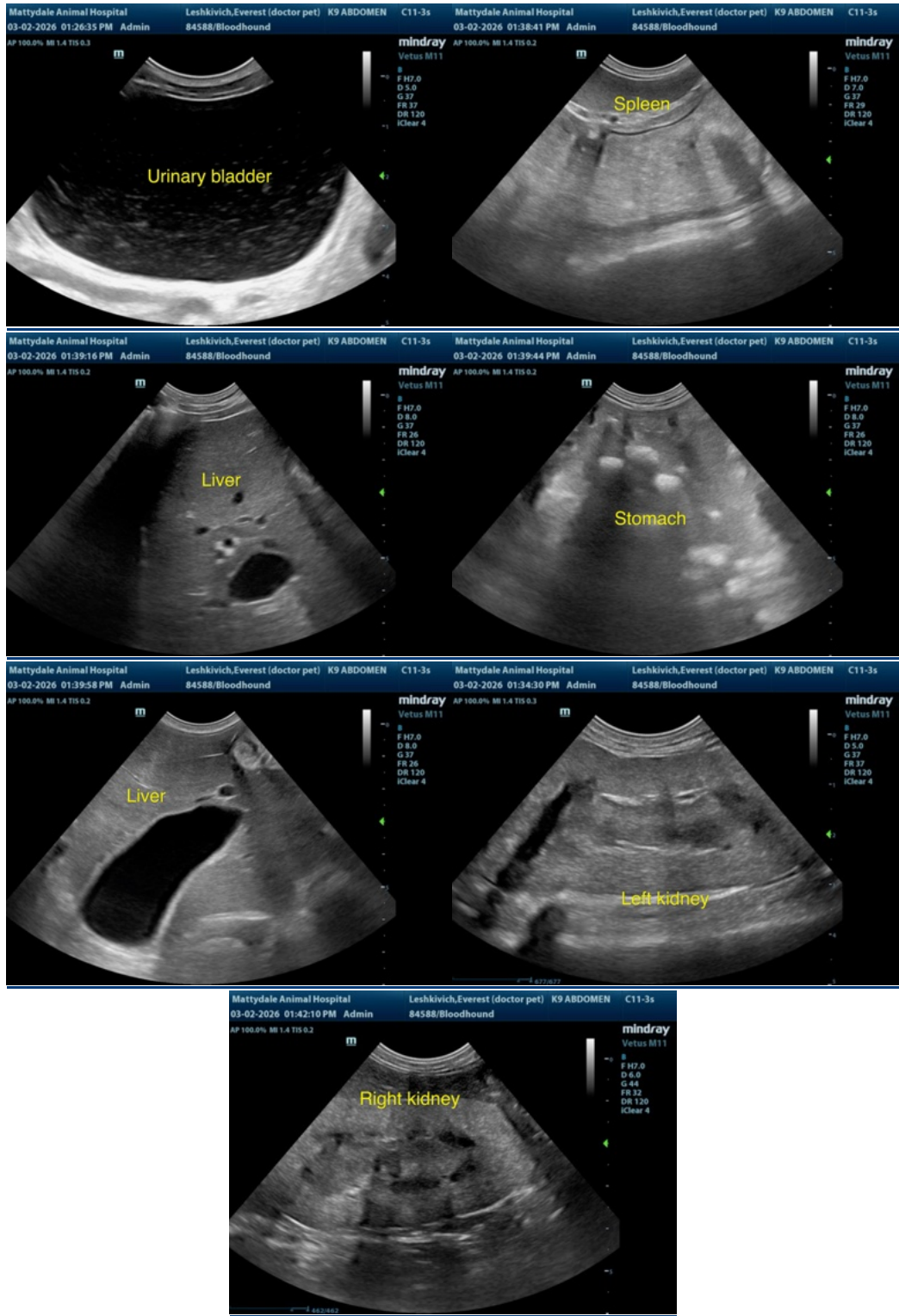
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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