



**PATIENT** **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Dakota Aldrich History: Pre-Operative lab-work noted elevated ALP H 181. Otherwise, unremarkable. History of elevated values with use of Doxycycline but normalized with Denamarin. O elects to pursue further investigation prior to surgery.

**SPECIES**

**Urinary System**

Canine The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

**BREED**

Normal appearance of the trigone area, proximal urethra (0.90 cm), and iliac blood vessels.

Great Pyrenees

Normal appearance and size of the iliac lymph nodes (left: 1.70 cm). Ureters not visualized, which can be considered a normal finding.

**SEX**

Normal renal size (left kidney 7.70 cm / right 7.90 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

Neutered Male

**AGE**

**Reproductive System**

Small hypoechoic prostate (1.60 cm). Focal, irregular, hyperechoic region within the prostate (0.50 x 1.30 cm). Normal appearance of the periprostatic tissue.

Adult

**WEIGHT**

**Adrenal Glands**

Normal shape, echogenic appearance, size (left: 0.59 cm x 0.53 cm / right: 0.68 cm), position, and appearance of the visible peri-renal vasculature.

120 lbs

**Spleen**

Normal size (3.20 cm) 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.

**INTERPRETED BY**

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

**Liver**

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

**IMAGING PERFORMED BY**

Sonya Myers DVM

**Gallbladder**

The gallbladder contains normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct (0.30 cm).

**HOSPITAL NAME**

Lake Emma AH

**Gastrointestinal**

Normal appearance of the stomach (0.32 cm), duodenum (0.45 cm), jejunum 0.39 cm) small intestine, ileo-cecal junction, and colon 0.21 cm) with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

**REFERRING VET**

Lesmes

**Pancreas**

Normal size and echogenic appearance (right: 1.10 cm). Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**INVOICE**

**Free Abdomen**

Normal mesenteric lymph nodes (1.90 cm).

13309

No ascites evident.

**DATE**

6.13.23



**PATIENT**

Dakota Aldrich

**ULTRASONOGRAPHIC FINDINGS**

**Findings**

**SPECIES**

Canine

- Focal area of hyperechogenic tissue within the prostate.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

The hyperechogenic area within the prostate would be incidental finding, focal infection and emerging neoplasia.

Great Pyrenees

Although the liver appears ultrasonographically normal, reactive hyperplasia, metabolic and vacuolar hepatopathies still need to be considered.

**SEX**

Neutered Male

Further assessment would be urinalysis, urine culture, prostatic wash cytology, and possibly FNA cytology of the liver. Ultrasonic monitoring of the prostate would also be recommended.

Specific therapy would be dependent on an etiological diagnosis.

**AGE**

Adult

**WEIGHT**

120 lbs

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Sonya Myers DVM

**HOSPITAL NAME**

Lake Emma AH

**REFERRING VET**

Lesmes

**INVOICE**

13309

**DATE**

6.13.23



**PATIENT**

Dakota Aldrich

**SPECIES**

Canine

**BREED**

Great Pyrenees

**SEX**

Neutered Male

**AGE**

Adult

**WEIGHT**

120 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Sonya Myers DVM

**HOSPITAL NAME**

Lake Emma AH

**REFERRING VET**

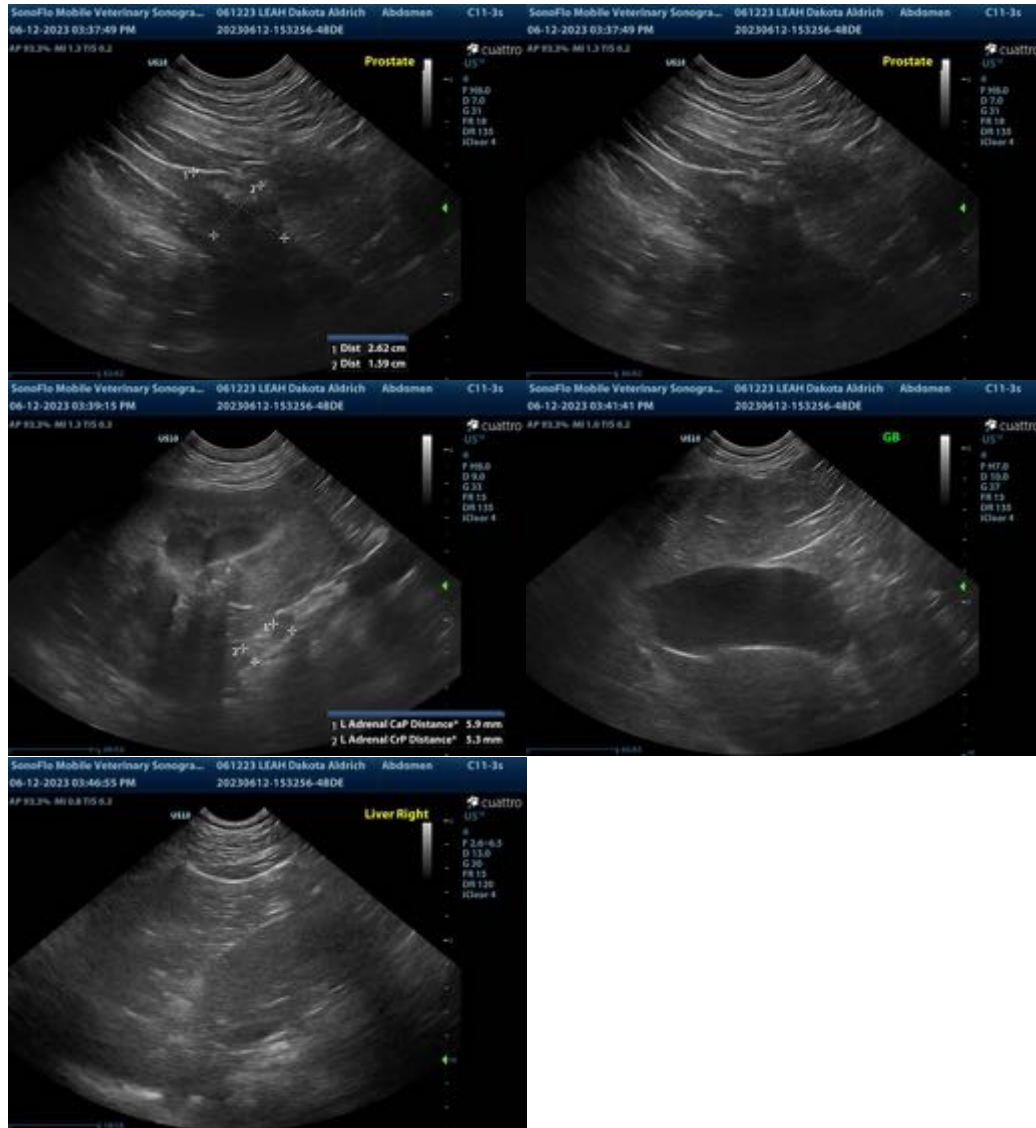
Lesmes

**INVOICE**

13309

**DATE**

6.13.23



The information and recommendations provided are based on the images presented by the referring veterinarian. 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](mailto:info@sonopath.com)