


**PATIENT PRESENTING CLINICAL SIGNS**

Dexter Lewonas History: having persistent urinary issues

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

***Urinary System***

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**BREED**

Standard Schnauzer

The prostate is normal in size (0.92 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

**SEX**

Male, neutered

The left kidney is normal size (6.81 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**AGE**

13 Yrs.

The right kidney is normal size (5.46 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**WEIGHT**

52 lbs.

***Adrenal Glands***
**INTERPRETED BY**

Andrea Nicaastro, DVM,  
 Diplomate ACVIM  
 (*Small Animal Internal  
 Medicine*)

The left adrenal gland is upper limits of normal size (1.03 cm at cranial pole) (0.83 cm at caudal pole) (2.84 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (1.67 cm at cranial pole) (0.48 cm at caudal pole) (1.74 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**IMAGING PERFORMED BY**

Kelly Reschny

***Spleen***
**HOSPITAL NAME**

Maples AH

The spleen is normal in size (1.67 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. A few small, ill-defined myelolipomas are observed in the region of the hilus. Splenic vasculature is normal.

**REFERRING VET**

Dr. Kazienko

***Liver***

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

**DATE**

9/14/22

***Gastrointestinal***



## PATIENT

Dexter Lewonas

## SPECIES

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The gastric lumen is mildly to moderately distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

## Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

## Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

## ULTRASONOGRAPHIC FINDINGS

- The urinary bladder debris could be consistent with cells, crystals, exfoliated material or lipid droplets.
- Minor, age-related renal changes.

\*An obvious cause for the patient's persistent urinary issues is not identified in this study.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Baseline labwork including a CBC chemistry panel, urinalysis, T4 is recommended, if not already performed.
- A urine culture and sensitivity is also recommended.
- Further diagnostics should be based in the results of the above diagnostics as well as the specific urinary issues the patient is experiencing.



## DATE

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**SPECIES**

Canine

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Standard Schnauzer

**SEX**

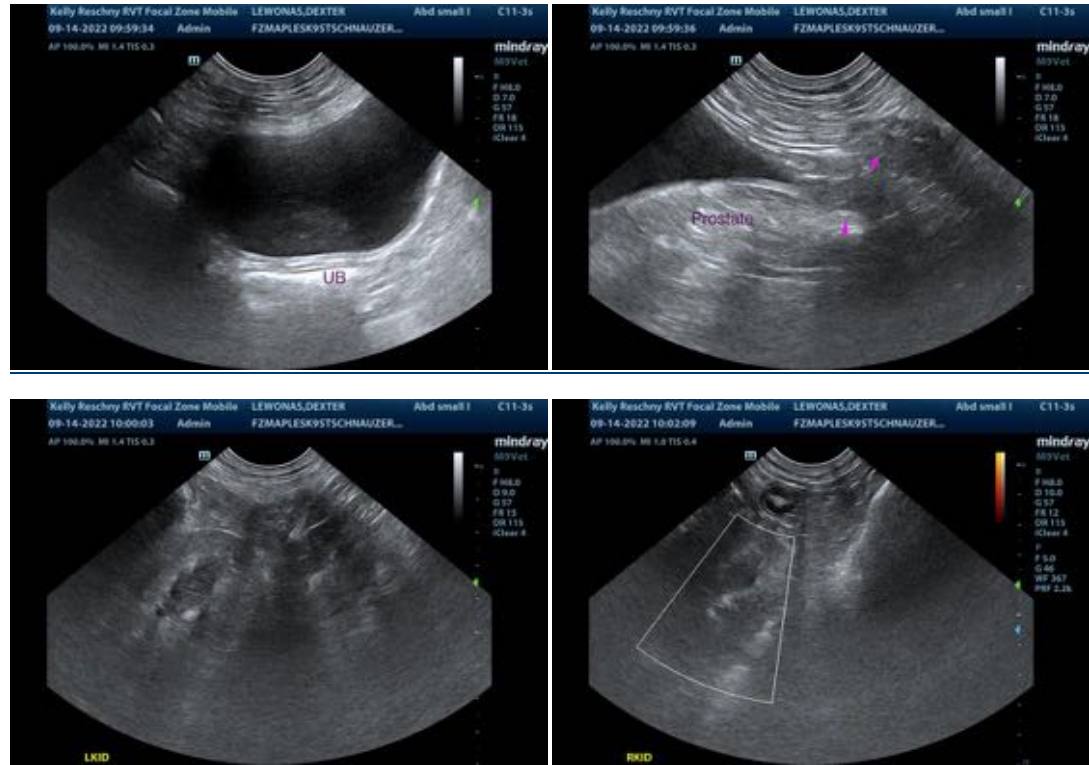
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
[info@SonoPath.com](mailto:info@SonoPath.com)