



PATIENT PRESENTING CLINICAL SIGNS

Shiloh Lett renal values elevated
Abnormal PE/Chem/CBC/UA Results: Elevated Renal Values

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline

Urinary System

BREED

DSH

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Female

The **left kidney** presented minor cortical infarcts and slight irregular contour with slight mineralization, non-specific presentation. The left kidney measured 2.5 cm. The **right kidney** presented similar changes as the left with cortical infarcts and mild remodeling. The right kidney measured 2.0 cm.

AGE

15 Years

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.4 cm. The right adrenal gland measured 0.4 cm.

WEIGHT

7 Pounds

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Dr. Mack

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

HOSPITAL NAME

Northside Vet Clinic

Gastrointestinal

REFERRING VET

Dr. Mack

The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.

INVOICE

26675

Pancreas

DATE

10/27/21

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.



PATIENT

Shiloh Lett

ULTRASONOGRAPHIC FINDINGS

- Moderate degenerative renal changes with cortical infarcts
- Geriatric abdomen

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Acute on chronic renal insult suspected in this patient. 72 hour IV fluid protocol to treat azotemia indicated and reassessment of the clinical signs. Full urinalysis, culture and sensitivity indicated as well as blood pressure measurements.

BREED

DSH

SEX

Female

AGE

15 Years

WEIGHT

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PATIENT

Shiloh Lett

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.

SPECIES

Feline

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.

BREED

DSH

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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SEX

Female

AGE

15 Years

WEIGHT

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