



PATIENT

Coco Henry

SPECIES

Canine

BREED

Lanrador Retriever Mix

SEX

Spayed Female

AGE

4 Years 5 Months

WEIGHT

52 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jennifer Finder

HOSPITAL NAME

Craig Road AH

REFERRING VET

Jennifer Finder

INVOICE

15171

DATE

5/13/22

PRESENTING CLINICAL SIGNS

History: Coco is a 4 year 5-month-old FS lab mix that presented for vomiting, anorexia, weight loss, and weakness since this weekend. Not able to keep much food down and does not have much of an appetite. She was taken to Canyon Pet AH last week (5/3/22) where lab work was run demonstrating kidney failure. No further treatment or diagnostics were instituted at that time Owner reports no diarrhea, coughing, or sneezing. Patient is not on any medications or supplements. Past pertinent medical history: azotemia noted in April 2022, but owner declined further testing at this point There are no known vaccine or medication allergies.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented dependent debris. The urinary bladder was overdistended at the time of the sonogram. The bladder wall was unremarkable. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

The **left kidney** was swollen with loss of structural detail. Pericapsular inflammatory pattern noted. Severe pyelectasia was noted in the left kidney. Purulent echotexture to the renal pelvis noted.

The **right kidney** revealed similar changes as the left with loss of structural detail and pyelectasia. Nodular cortical changes were present. The right kidney architecture was significantly disrupted, more so than the left kidney.

Adrenal Glands

The **right adrenal gland** was heterogeneous and mildly irregular, measuring up to 1.0 cm in width.

The **left adrenal gland** was 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 0.5 cm in width.

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.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal



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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

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.

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Lanrador Retriever Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Bilateral renal nodular changes and pyelectasia. Pyelonephritis is possible, however, strong concern for renal neoplasia.
- Heterogeneous right adrenal gland
- Urinary bladder debris

AGE

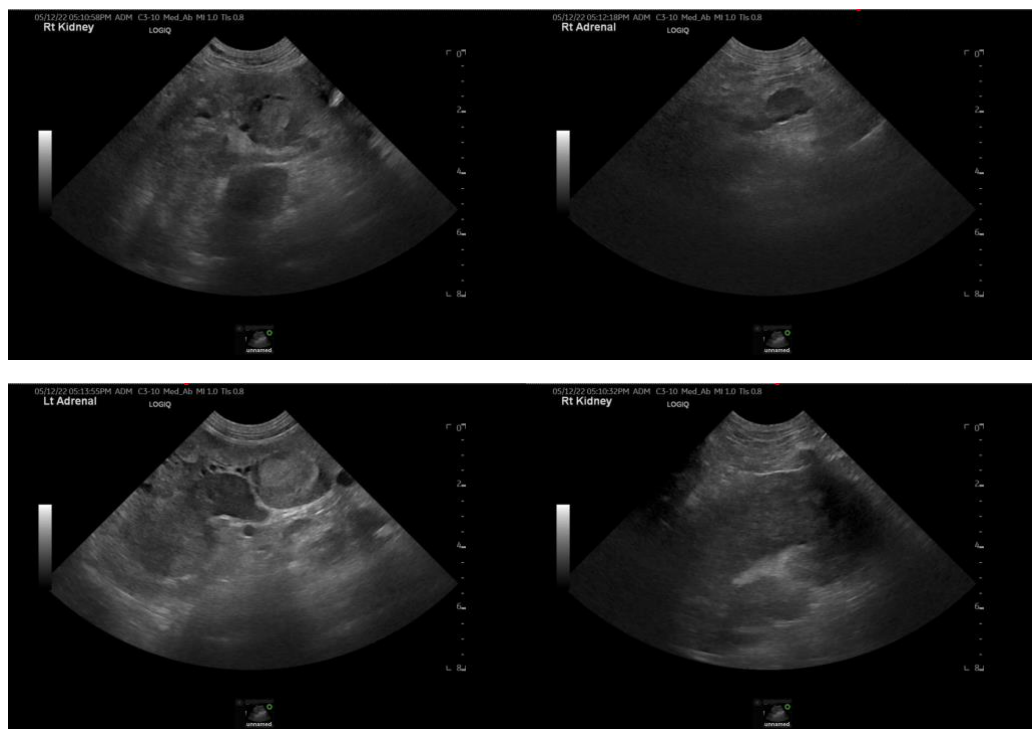
4 Years 5 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and 25-gauge FNA of either renal cortex, as well as pyelocentesis and culture. Very guarded prognosis depending upon cytology results.

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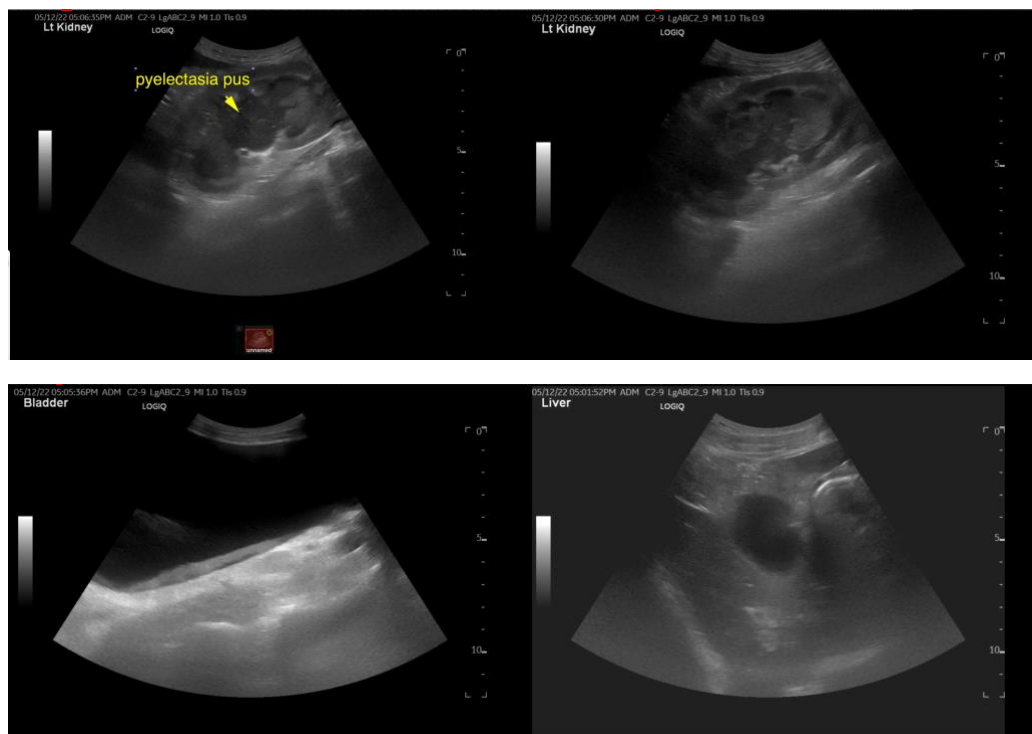
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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