**DATE PRESENTING CLINICAL SIGNS**

8/11/23

RBC > 50/hpf on voided ua; checked ua due to sdma of 15.2, creat 1.6. Hx of episcleritis dx 12/2021 hx of Coccidioidomycosis at 1 year of age in AZ, leg amputated and treated with fluconazole, treatment discontinued in 2021. No straining or frequent urination.

PATIENT

Houdini Lyons

Current Medications: Tacrolimus od, Carprofen occasionally 75 mg 1/2 tab sid-bid
 Lab Results: 7/28/23 CBC wnl., 7/28/23 Chem SDMA 15.2, Creat 1.6, glu 62. 8/4/23 ua voided sg 1.047, prot 500, rbc > 50, wbc 6/hpf, no bacteria, casts or crystals. 8/4/23 glucometer glucose 75 mg/dl

Date of Previous IntraPet Ultrasound: No previous.

SPECIES

Canine

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

BREED

Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

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 was noted. Ureteral papillae were normal.

SEX

Neutered male

The prostate revealed slight, heterogenous prostatic changes, yet this is likely normal. The prostate measured 1.23 cm.

AGE

3/31/14

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.6 cm. The right kidney measured 5.5 cm.

WEIGHT

45.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

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 right adrenal gland measured 3.15 x 0.54 cm at the caudal pole and 0.78 cm at the cranial pole. The left adrenal gland measured 2.73 x 0.57 cm at the caudal pole and 0.59 cm at the cranial pole.

HOSPITAL NAME

Jacksonville VH

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 was noted.

REFERRING VET

Dr. Burk

INVOICE

46576

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

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.

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.

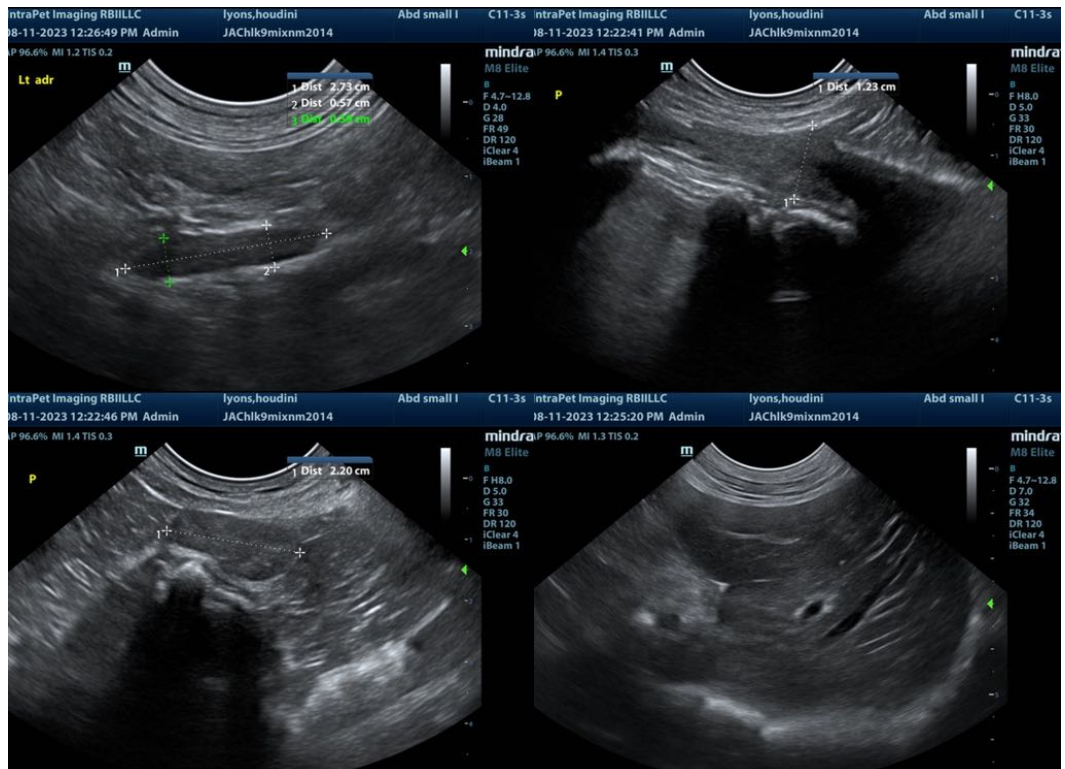
ULTRASONOGRAPHIC FINDINGS

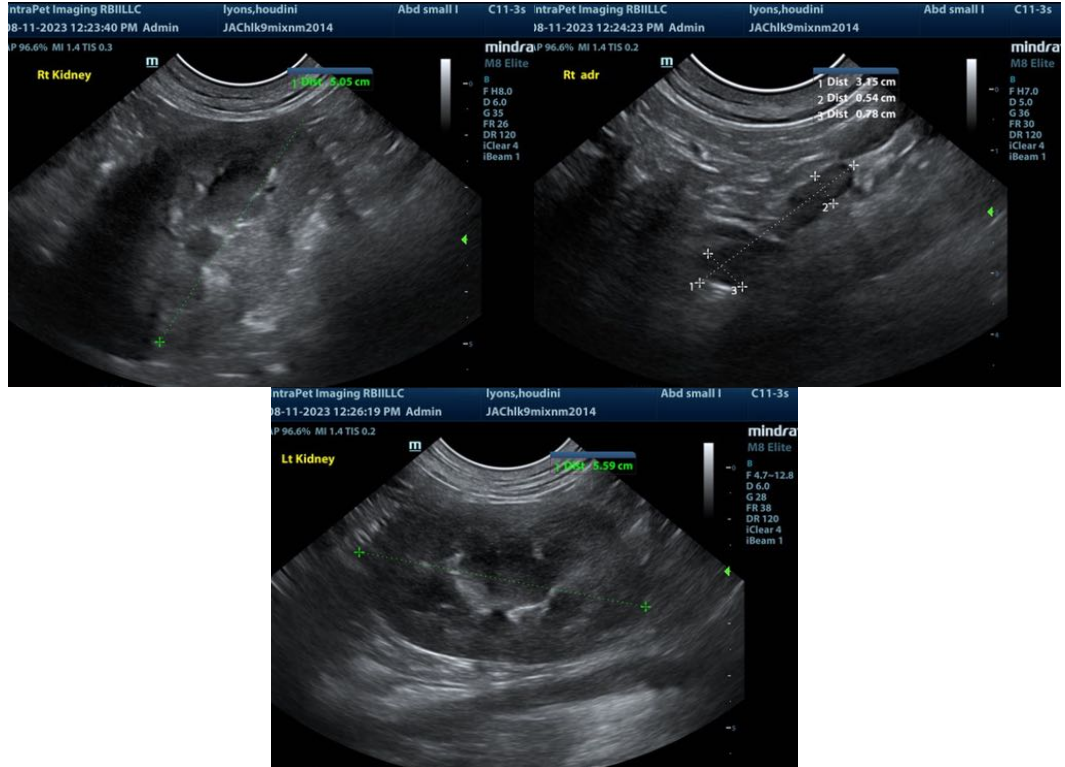
Structurally unremarkable abdomen.

Heterogenous prostatic changes, likely normal for this patient.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of visceral pathology. Given the pyuria in this patient urine culture and sensitivity is indicated +/- coverage for UTI. There was no structural evidence of disease noted in the urinary tract.





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
info@SonoPath.com