



PATIENT PRESENTING CLINICAL SIGNS

Chase Crance History: Elevated kidney values. Current meds: Tussigon 1/4t tid, Galliprant 20mg 1/4 sid.
Abnormal PE/Chem/CBC/UA Results: Bun 110, Creat 2.7, USG 1.022

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction. 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.

Yorkipoo

SEX The residual prostate measured 0.5 cm.

Neutered male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex. The left kidney measured 2.76 cm with trace pyelectasia. The right kidney measured 3.37 cm.

AGE

12 years

WEIGHT Adrenal Glands

7 months

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 1.13 x 0.63 cm at the cranial pole and 0.47 cm at the caudal pole. The left adrenal gland measured 1.5 x 0.34 cm at the cranial pole and 0.37 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY Spleen

Shari Reffi, CVT

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.

HOSPITAL NAME

Animal Care Center of
Flanders

REFERRING VET Liver

Dr. Hallihan

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 was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele. However, the sludge appears to be mildly excessive. No adjunctive inflammation was noted.

INVOICE

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DATE

10/26/21



PATIENT

Gastrointestinal

Chase Crance

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.

SPECIES

Canine

BREED

Yorkipoo

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Non-specific, geriatric abdomen.

AGE

12 years

Minor degenerative renal changes.

WEIGHT

7 months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of acute insult should be considered such as Leptospirosis, Addison's disease, toxin exposure and similar. The kidneys do not subjectively appear end stage.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

For an additional charge an internal medicine consult can be utilized through [SonoPath.com](http://sonopath.com). You can select the internal medicine drop down at <http://spa.sonopath.com/>.

IMAGING PERFORMED BY

Shari Reffi, CVT

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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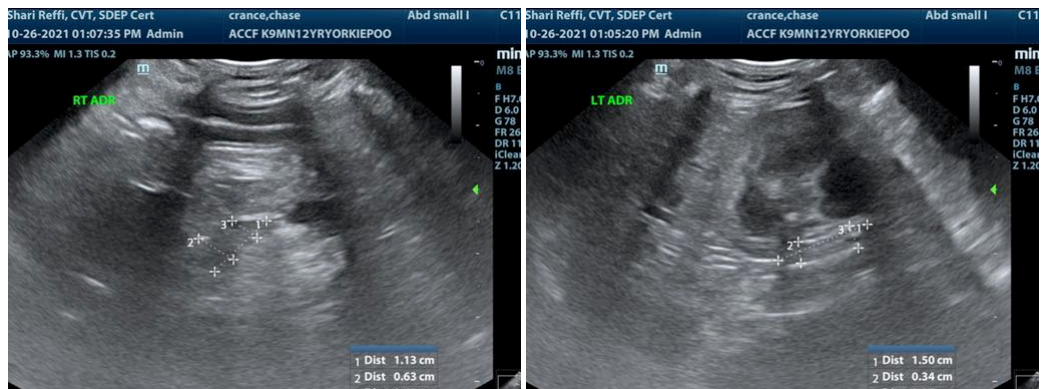
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PATIENT

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SPECIES

Canine

BREED

Yorkipoo

SEX

Neutered male

AGE

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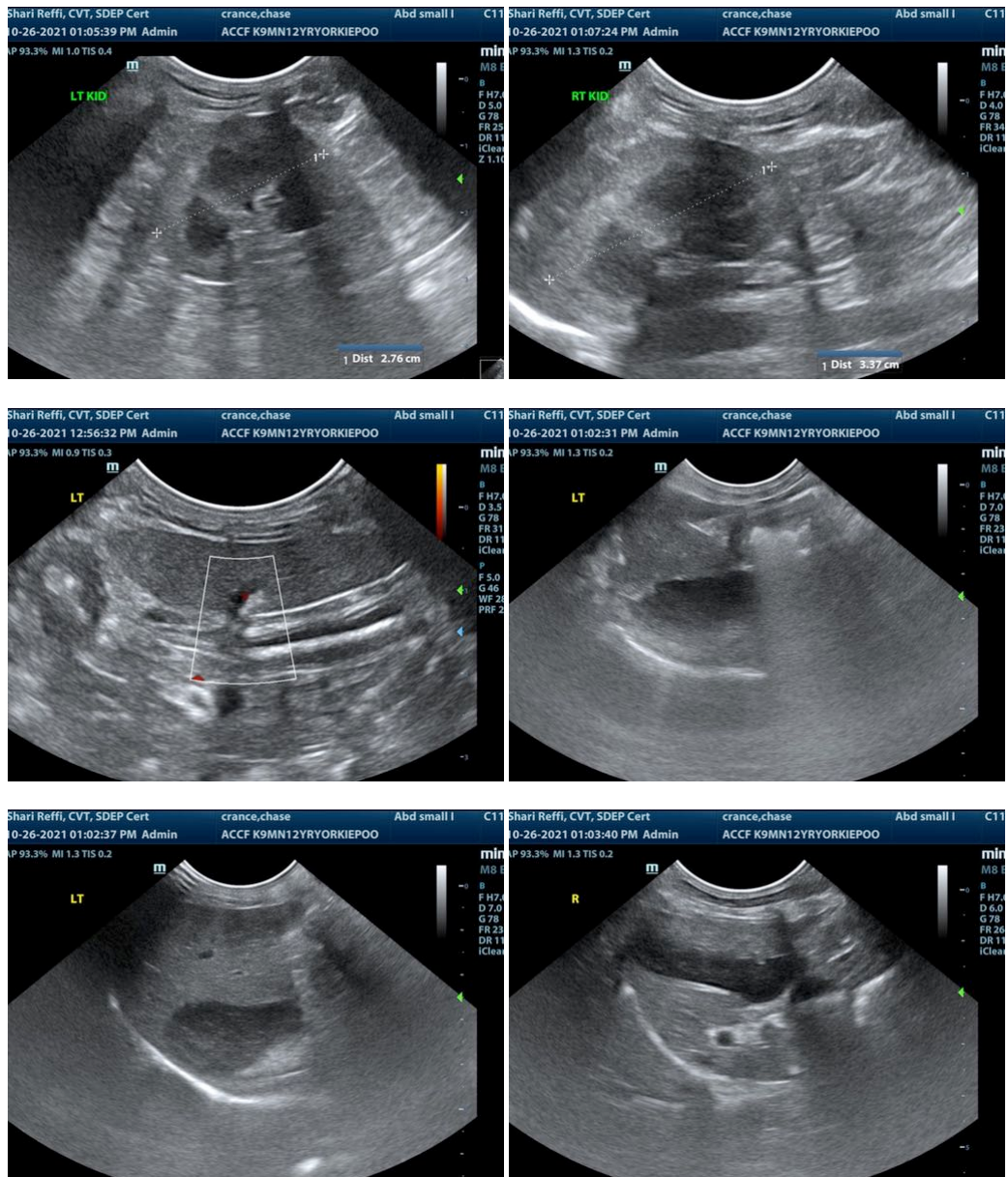
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Info@SonoPath.com