



PATIENT

Jade Cantos

SPECIES

Canine

BREED

Toy poodle

SEX

Spayed Female

AGE

15 years

WEIGHT

12 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Kahn

INVOICE

30366

DATE

5/13/22

PRESENTING CLINICAL SIGNS

Recently treated for leptospirosis 3/2022, now decreased appetite and hematuria + renal changes on BW. Current meds: P-lyte, Unasyn, Cerenia, Aluminum hyd. Abnormal PE/Chem/CBC/UA Results: WBC 22k, Neut 18k, mono 1.4k, Crea 4.5, Bun 61, Phos 9.4, USG 1.012, Bld +++, Prot ++

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.

The **kidneys** were both riddled with multiple, mixed, hypoechoic, disruptive nodular changes. This is consistent with a neoplastic process. Swollen, irregular contour was noted. An overt mass was noted in the left renal cortex. The left kidney measured 4.44 cm. The right kidney measured 5.03 cm.

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 1.75 x 0.51 cm at the cranial pole and 0.55 cm at the caudal pole. The left adrenal gland measured 1.52 x 0.5 cm at the cranial pole and 0.46 cm at the caudal pole.

Spleen

The **spleen** was normal size and relatively normal contour with multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.

Liver

The right liver revealed a 5.9 x 3.6 cm mixed, hypoechoic, moderately complex mass that was deriving from the caudate process. The liver revealed other disruptive, nodular changes. 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.

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.



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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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Free Abdomen

Toy poodle

Regional inflammation was noted throughout the cranial abdomen and encompassed portions of the pancreas.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Multi-focal, aggressive neoplastic pattern in the liver and kidneys.

AGE

15 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

12 lbs

FNA of the liver and renal masses could be considered for further definition. However, the prognosis is poor.

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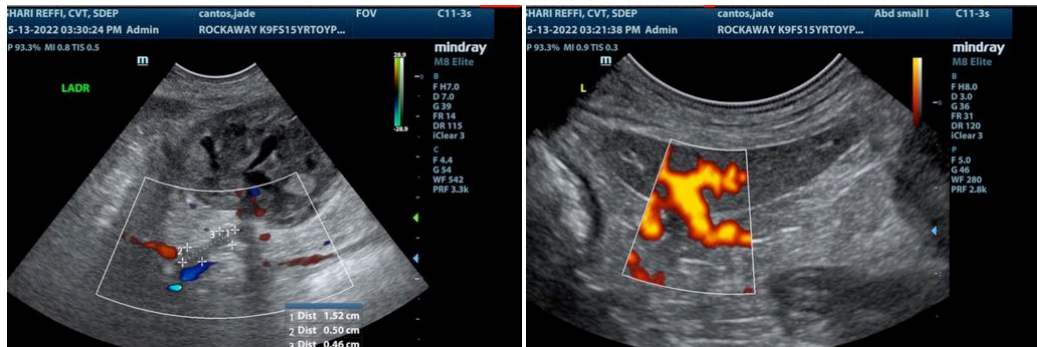
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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