



PATIENT PRESENTING CLINICAL SIGNS

Rufus Leshne History: Cushing's, 20# weight loss in 2 years, hypercalcemia, azotemia Trilostane BUN 101 CREAT 3.4, SDMA 29, Ca 12.2 Potaassium 5.6 ALT 370 ALP 5667 AMYL 1694 USG 1.016 UPC 3.0

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

Hound X

SEX

Neutered male

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. Non uniform mild cortex hypertrophy was observed along with increased medullary echogenicity exhibiting potential for nonspecific mildly hyperechoic medullary rim sign. Bilateral mild pyelectasia was present. The left kidney measured 5.5 cm in length. The right kidney measured 6.0 cm in length.

AGE

12 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

39.6 pounds

The area of the residual prostate was free of pathology, measuring 1.1 cm in diameter.

Adrenal Glands

Bilateral symmetrical adrenal gland enlargement with mild nonhomogeneous yet nonmineralized parenchyma was present. The left adrenal gland measured 1.2 cm width at the caudal pole and 1.0 cm width at the cranial pole. The right adrenal gland measured 1.2 cm width at the caudal pole and 1.2 cm width at the cranial pole.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Spleen

The spleen was normal in size with areas of medial capsule asymmetry with potential for subjective medial capsule fibrosis. Generalized heterogeneous splenic parenchyma exhibiting multifocal primarily pinpoint hyperechoic parenchymal foci. These foci are suggestive of pinpoint areas of microinfarction, mineralization or fibrosis and are not considered pathological.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Liver

The liver exhibited generalized enlargement with multiple potentially coalescing liver masses noted in the left, mid and right liver. The masses were irregular exhibiting nonhomogeneous to mild mixed echogenic parenchyma and resulting in distortion of the associated hepatic capsule. An example of a mass measured 8-9 cm in diameter. Intermittent concurrent intraparenchymal hepatic cysts were present. The gallbladder was non-distended in size with thin walls and nondependent to mildly congealed debris primarily in the gallbladder neck. The debris was subjective mobile. No evidence of gallbladder or peripheral inflammation. The cystic and common bile ducts were normal.

HOSPITAL NAME

Good Hope Animal
Hospital

REFERRING VET

Dr. Mantione

INVOICE

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Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

DATE

03/18/2022



PATIENT

Rufus Leshne

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Intermittent nonspecific duodenojejunal mucosal speckling was present.

SPECIES

Canine

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

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Free Abdomen

Intermittent suspected cystic omental lymph nodes with potential for benign omental cysts were present. An example measured 2.7 cm x 1.5 cm. No peritoneal effusion noted.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

12 years

- Multiple to possibly coalescing liver masses-neoplastic criteria is favored with non-neoplastic etiology i.e. hyperplasia, granuloma etc. possible yet thought less likely.
- Moderate gallbladder debris (non mucocele).
- Bilateral nonspecific chronic nephropathy.
- Mildly enlarged nonhomogeneous bilateral adrenal glands-consistent with chronic PDH.
- Overtly normal gastrointestinal tract.
- Benign hyperechoic splenic parenchyma foci.
- Focal suspected cystic omental lymph nodes vs benign omental cysts-incident.

WEIGHT

39.6 pounds

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, ultrasound guided FNA of the hepatic masses for screening cytology and potential for oncology consult is recommended. The hepatic masses appear to be non surgical given multifocal to coalescing masses, likely involvement of more than one liver lobe and possible extension into the area of the porta hepatis.

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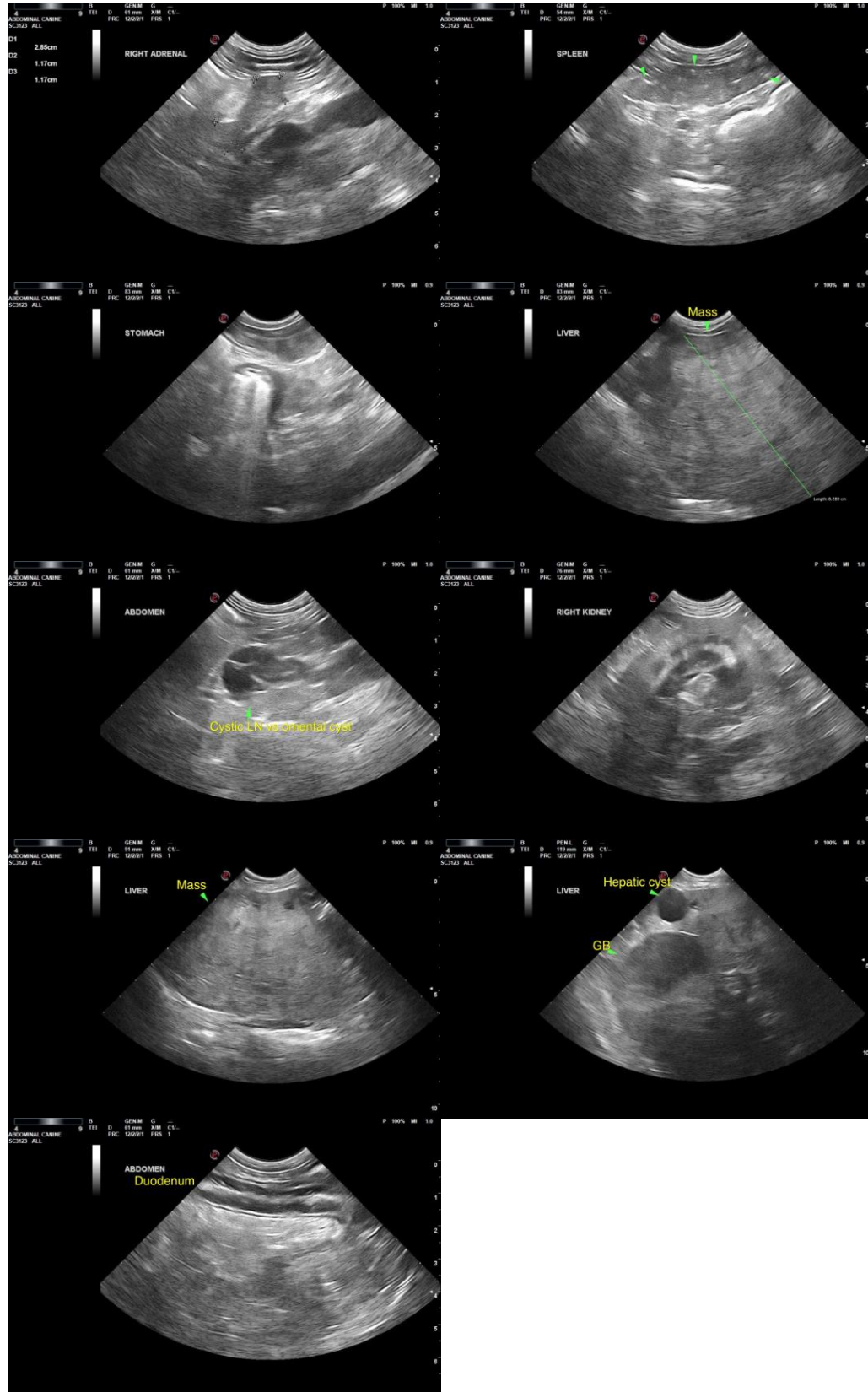
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PATIENT

Rufus Leshne

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.

SPECIES

Canine

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

Hound X

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info@SonoPath.com

SEX

Neutered male

AGE

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WEIGHT

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