



PATIENT

Rosco Simons

SPECIES

Canine

BREED

Boston Terrier

SEX

Neutered Male

AGE

9 Years

WEIGHT

13 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dave Stasiuk, RDMS,
RDCE

HOSPITAL NAME

Resolution VU, LTD

REFERRING VET

Southern Alberta VE

INVOICE

12498

DATE

11/12/21

PRESENTING CLINICAL SIGNS

History: Very high ALP / ALT. Pre Sx.

Abnormal PE/Chem/CBC/UA Results:

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 were noted. Ureteral papillae were normal.

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 his age patient. Medullary structure differed distinctly from that of the cortex. Slight pyelectasia and slight mineralization were present in the present in the kidneys. The right kidney measured 5.87 cm. The left kidney measured 5.87cm.

Adrenal Glands

The **right 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 right adrenal gland measured 0.6 cm.

The **left adrenal gland** was slightly swollen. The left adrenal gland measured 0.73 cm at the caudal pole and 0.5 cm at the cranial pole.

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. Caudal folding of the spleen was noted.

Liver

The **liver** was normal in size with mild coarse architecture and slight increased portal markings. The gallbladder and common bile duct were unremarkable. An anechoic cyst was noted in the mid liver, measuring 0.91 cm x 0.5 cm.

Gastrointestinal

Some retention of ingesta was noted in the **stomach**. The small intestine and colon were unremarkable.

Pancreas



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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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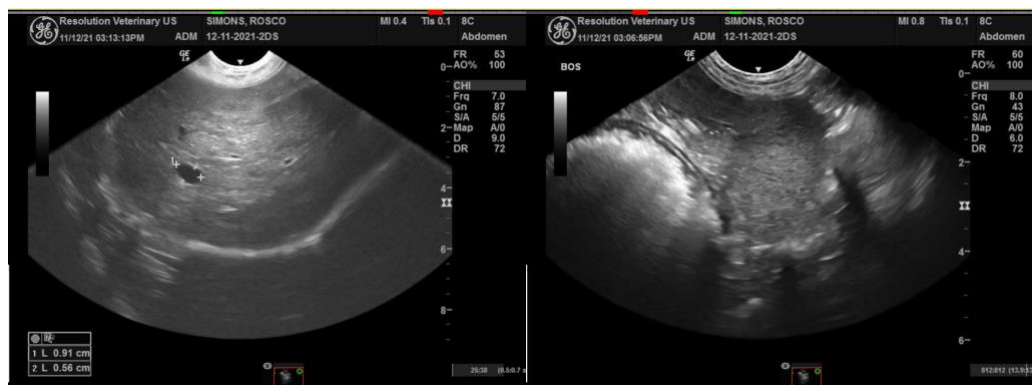
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ULTRASONOGRAPHIC FINDINGS

- Age-related renal changes with slight mineralization
- Low-grade chronic inflammatory hepatopathy- FNA could be considered for further definition.
- Stomach retention of ingesta
- Slightly swollen left adrenal gland

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinary work up warranted given the renal calculi and minor pyelectasia. No contraindication to anesthetic procedure, unless bile acid elevations are present.



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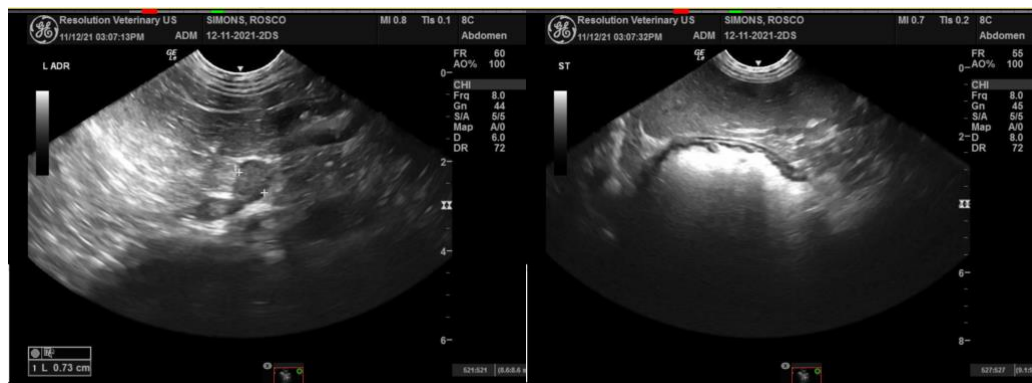
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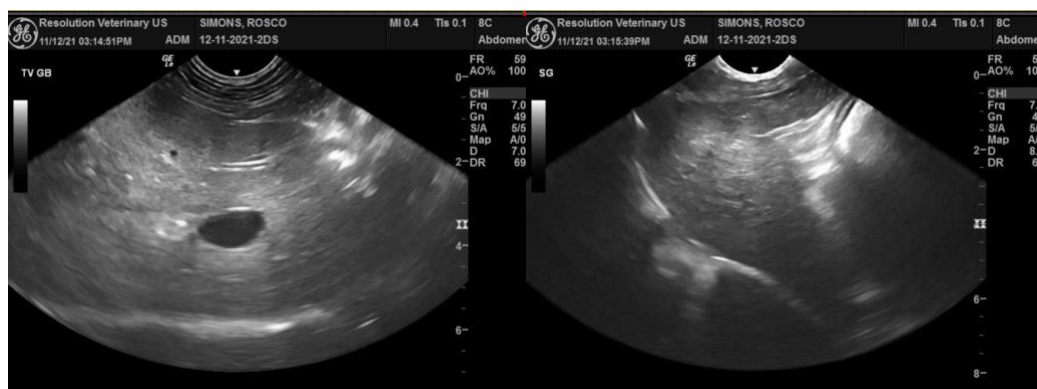
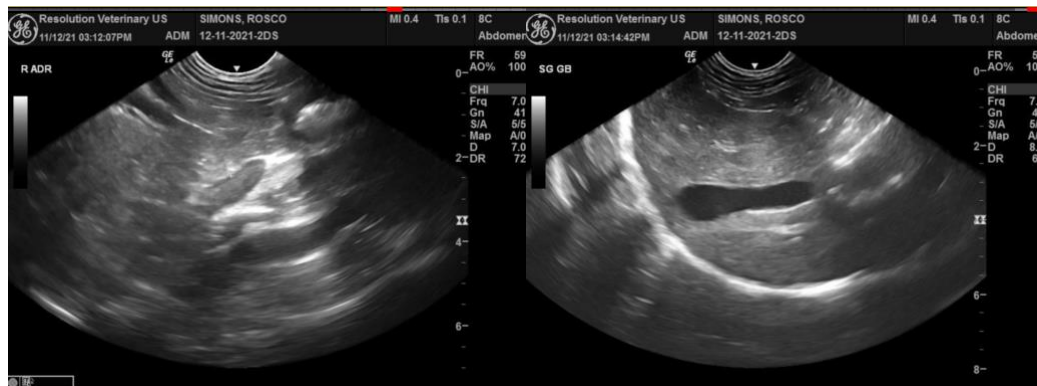
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@SonoPath.com