



PATIENT PRESENTING CLINICAL SIGNS

Brecken Hoover Concern for irregular spleen

Abnormal PE/Chem/CBC/UA Results:

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Golden Retriever

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with minor dependent luminal mineral. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 7.4 cm in length. The right kidney measured 7.4 cm in length.

MN

AGE

2013

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology.

WEIGHT

90

Adrenal Glands

The bilateral adrenal glands were indistinctly visualized without overt pathology. The left adrenal gland measured 0.64 cm width at the caudal pole. The right adrenal gland measured 0.83 cm width at the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

HOSPITAL NAME

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REFERRING VET

Dr. Gregory

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.

INVOICE

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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.

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

DATE

12/22/2022

Pancreas



PATIENT

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The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Canine

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

BREED

Golden Retriever

ULTRASONOGRAPHIC FINDINGS

- Mild dependent urinary bladder mineral
- Sonographically normal spleen
- Normal bilateral kidneys
- Sonographically unremarkable GI tract/colon

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2013

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

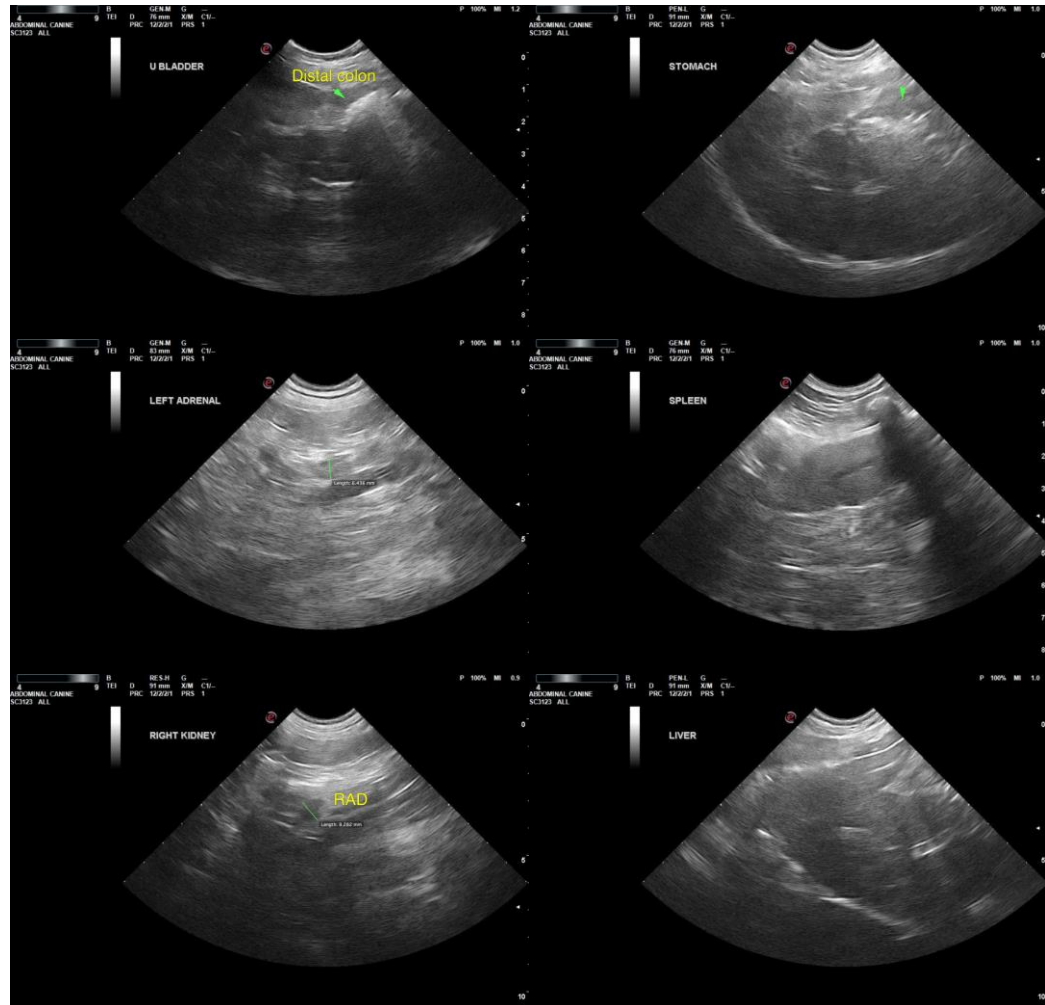
Overall, no overt evidence of significant abdominal visceral specifically splenic pathology was present. No evidence of intra-abdominal or splenic neoplastic criteria was observed. A urine C/S on a sterile urine sample is suggested.

WEIGHT

90

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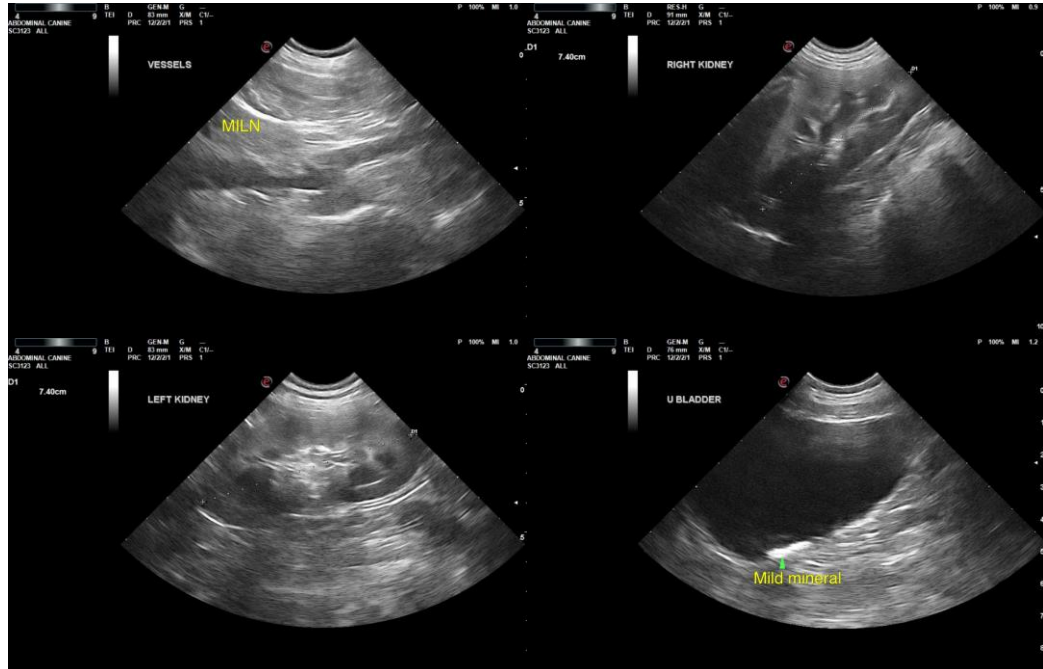
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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