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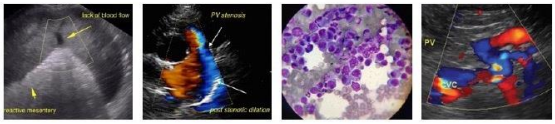

THE FOCAL ZONE
IMAGING PERFORMED BY
289-808-2608 info@thefocalzone.com

PATIENT

Krown Golfi

SPECIES

Canine

BREED

Bernese Moutain Dog

SEX

Male

AGE

6 years

WEIGHT

82 pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beamsville Animal Hospital

REFERRING VET

Dr. Song

INVOICE

10328ag

DATE

04/08/2022

PRESENTING CLINICAL SIGNS

History: weight loss, doughy abd, no obv masses felt, no pain, loss of detail on rads

Abnormal PE/Chem/CBC/UA Results: Please see attached BW CBC minor monocytosis, Chem CK 255 otherwise wnl, T4 10.4

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.

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 7.8 cm in length. The right kidney measured 7.6 cm in length.

The area of the aortic trifurcation was free of pathology.

The prostate was enlarged in size with intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The post prostatic urethra was normal to a depth of 3 cm. The prostate measured 5.8 cm x 4 cm.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.57 cm width at the caudal pole and 2.7 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.60 cm width at the caudal pole and 2.8 cm length.

Spleen

The spleen appeared overall normal in size and contour exhibiting a finely textured and homogenous parenchyma with mild medial folding of the caudal spleen. 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.

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.

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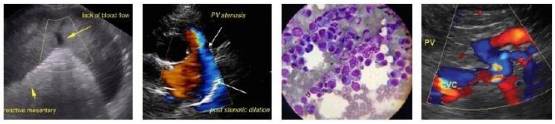

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Gastrointestinal

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.

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.

Pancreas

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.

Free Abdomen

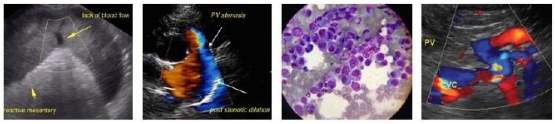
No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Benign prostatic hyperplasia, minor potential for prostatitis.
- Normal splenic size with mild caudal splenic folding.
- Overtly normal GI tract.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, a sonographically nonspecific abdomen without evidence of significant visceral pathology as an obvious cause of the patient's clinical signs and weight loss. The caudal splenic folding is nonspecific yet not overtly indicative of splenic pathology and is a suspected patient variant.
A GI panel to include PLI/TLI/Cobalamin/Folate as well as three view chest radiographs and neurological / musculoskeletal examination are recommended to assess for or rule out occult disease which may cause weight loss. Pending additional diagnostic, a screening splenic FNA given the breed and assuming normal clotting stratus and using a 25g needle could be considered primarily to ensure only benign changes are present.



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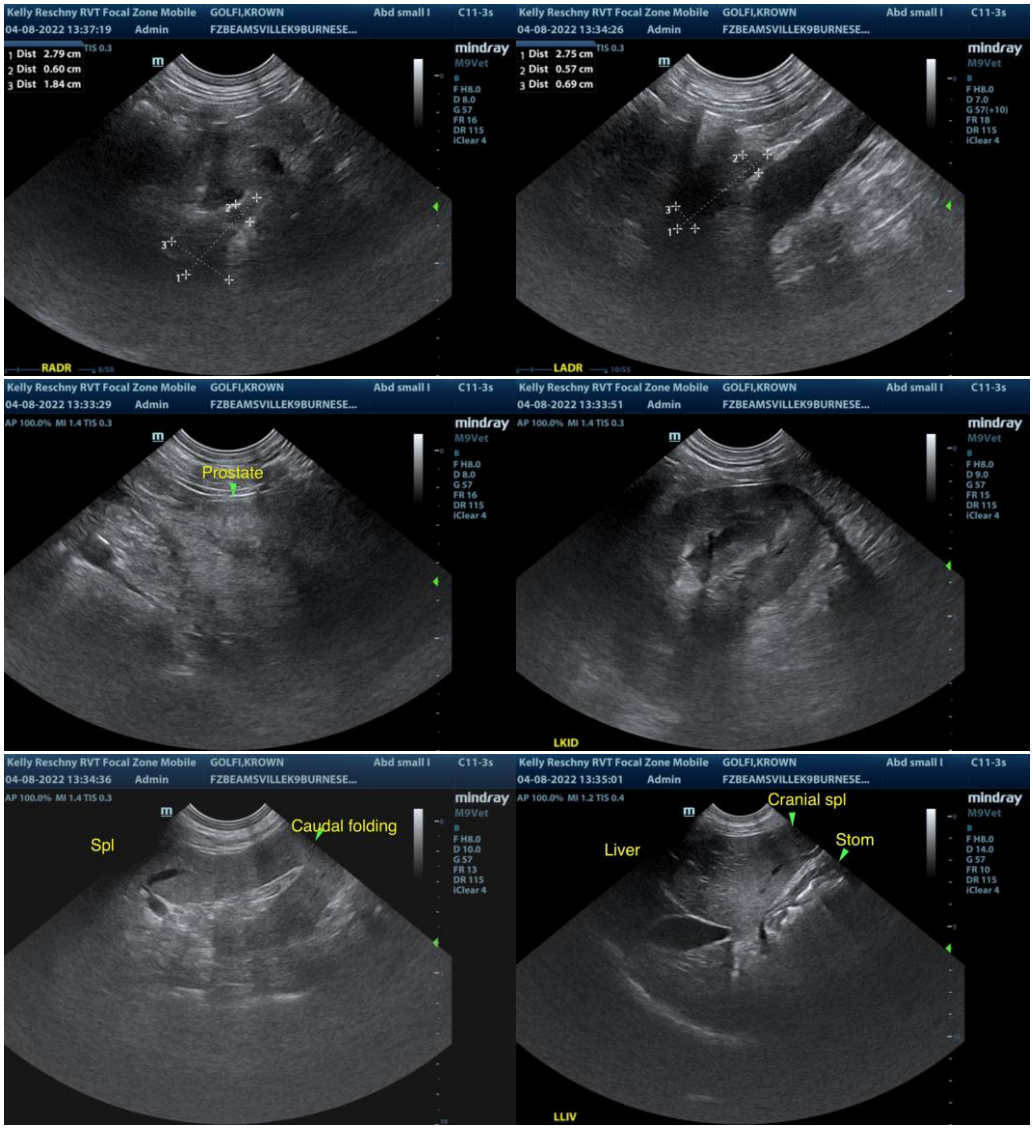

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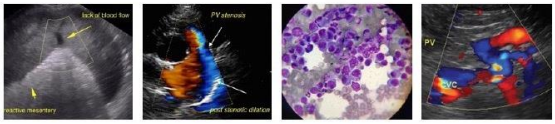

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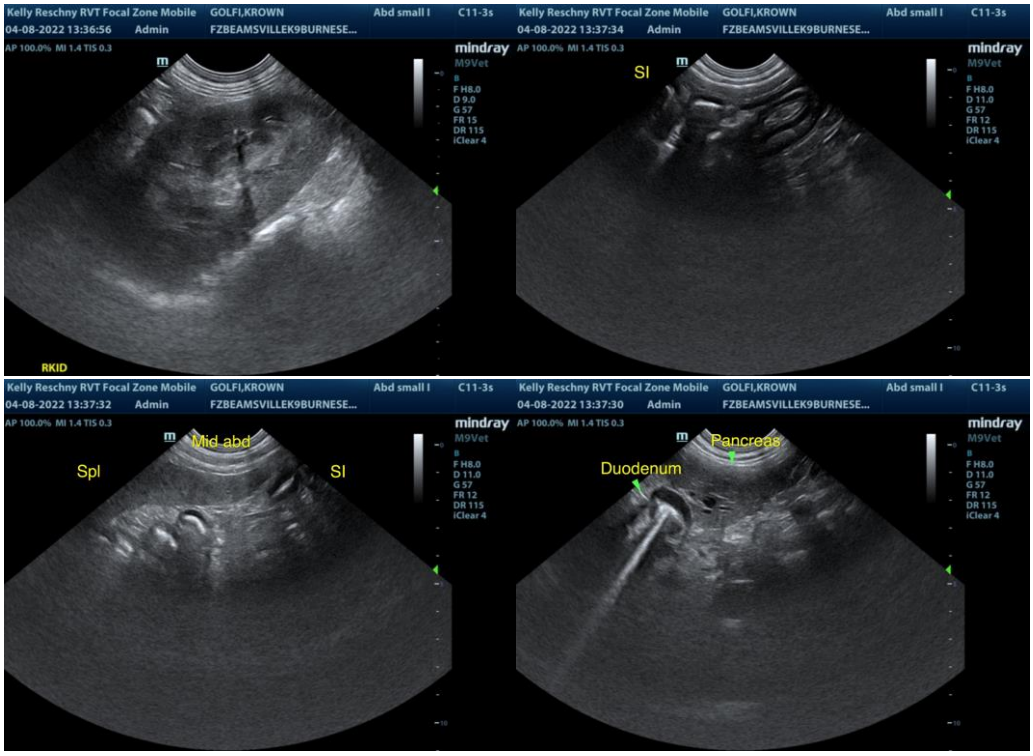

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com