



PATIENT PRESENTING CLINICAL SIGNS

Jackson Parks

History: Leaks urine; urinates while walking. Has arthritis- owner wonders if he can't lift his leg. Bedding stinks. Past history Anaplasma positive. Also defecates while walking. On exam: Mild discomfort on palpation of L-S spine and extension of stifles. Postures normally to urinate, voids and then dribbles after stopping. Urine- grossly normal, no abnormal odor. Rectal exam normal. TT4-4.4; USG 1,015; Anaplasma + On Carprofen and Gabapentin.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results:

BREED

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

MN

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.

AGE

6yr

Normal size and margination was 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 6.7 cm in length. The right kidney measured 6.6 cm in length.

WEIGHT

86.2lb

The area of the aortic trifurcation was free of pathology.

The residual prostate was free of pathology measuring 1.3 cm in diameter. Post prostatic urethral structure and tone was overtly normal to a depth of 3 cm.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole and 0.43 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.51 cm width at the caudal pole and 0.55 cm width at the cranial pole.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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.

HOSPITAL NAME

Wood River Animal Hospital

REFERRING VET

Dr. Mary Boy

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.

INVOICE

11281ag

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

08/05/2022



PATIENT

Jackson Parks

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.

SPECIES

Canine

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.

BREED

Labrador Retriever

ULTRASONOGRAPHIC FINDINGS

- Sonographically normal urinary bladder and proximal urethra
- Sonographically normal residual prostate-no evidence of prostatomegaly or pathology
- Unremarkable GI tract/colon
- Normal bilateral kidneys

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

6yr

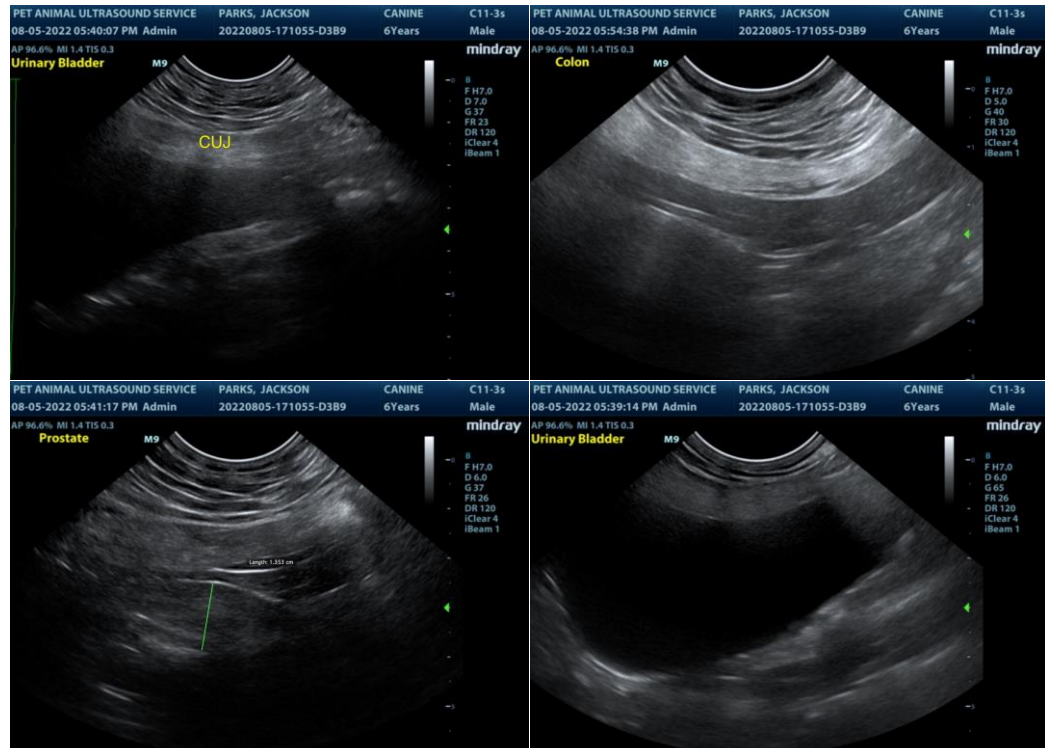
Overall, a sonographically unremarkable abdomen without evidence of visceral lower urinary tract or colonic pathology. The patient's abnormal urination pattern may be owing to underlying musculoskeletal or potentially neurological disorder. Incontinence vs reflex dyssynergia could be considerations. Correlation with thorough musculoskeletal and neuro exam as well as further assessment of urination pattern for evidence of incontinence vs continued initial normal stream followed by stranguria or urine dribbling. Passage of a urinary catheter could be considered to assess urethral patency.

WEIGHT

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 DABVP (Canine and Feline)



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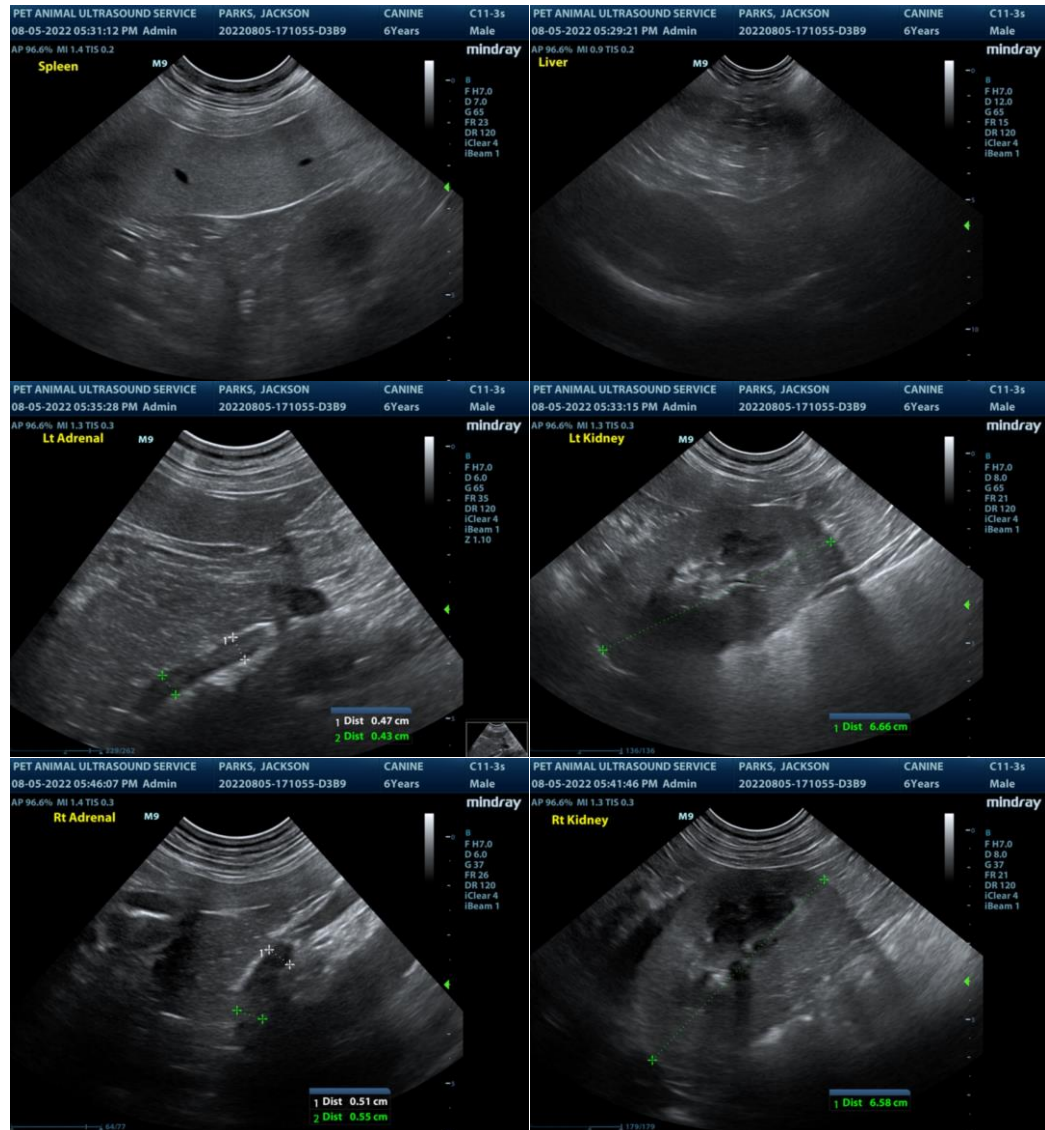
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INVOICE

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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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
 info@SonoPath.com