



PATIENT

Tucker Griffin

PRESENTING CLINICAL SIGNS

ADR, hyporexia, appears uncomfortable when laying down.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 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

Havanese

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Discrete pinpoint medullary mineral was present. The left kidney measured 4.6 cm in length. The right kidney measured 4.5 cm in length.

SEX

MN

AGE

19yr

The area of the aortic trifurcation was free of pathology.

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

WEIGHT

16.6lb

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.58 cm width at the caudal pole and 2.2 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.68 cm width at the caudal pole and 1.9 cm length.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

Spleen

The spleen exhibited possible mild subnormal size with symmetrical capsule contour and subtle parenchyma heterogeneity. No masses or nodules. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

IMAGING PERFORMED BY

Dr. Rodriguez

Liver/Gallbladder

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and mild non-organized echogenic debris. The cystic and common bile ducts were normal.

HOSPITAL NAME

Foxfield Veterinary
Services

REFERRING VET

Dr. Rodriguez

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate retained echogenic fluid and minor non-specific ingesta/chyme exhibiting subtle progressive to dirty acoustic shadowing and no signs of ileus, obstruction or foreign material.

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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.



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

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Pancreas

SPECIES

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, likely consistent with age related changes and considered incidental. No signs of active inflammation or neoplasia.

Canine

Free Abdomen

BREED

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

Havanese

ULTRASONOGRAPHIC FINDINGS

SEX

- Non-specific moderate chronic renal changes with discrete medullary mineral
- Subjective volume contracted spleen
- Mild hepatic parenchyma remodeling-benign
- Gallbladder debris-not consistent with mucocele criteria
- Mild retained gastric fluid/ingesta suggestive of functional gastric hypomotility, no overt evidence of pyloric outflow obstruction
- Sonographically unremarkable small intestine/pancreas

MN

AGE

19yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

Aside from potential subjective non-obstructive gastric hypomotility no overt evidence of pathology was present with largely geriatric changes present. A thorough musculoskeletal and neurologic exam is recommended if not done. A spec cPL could be considered to assess for low-grade pancreatitis as a potential contributing factor. As needed GI support +/- analgesia and monitoring for progressive gastric stasis would be appropriate.

16.6lb

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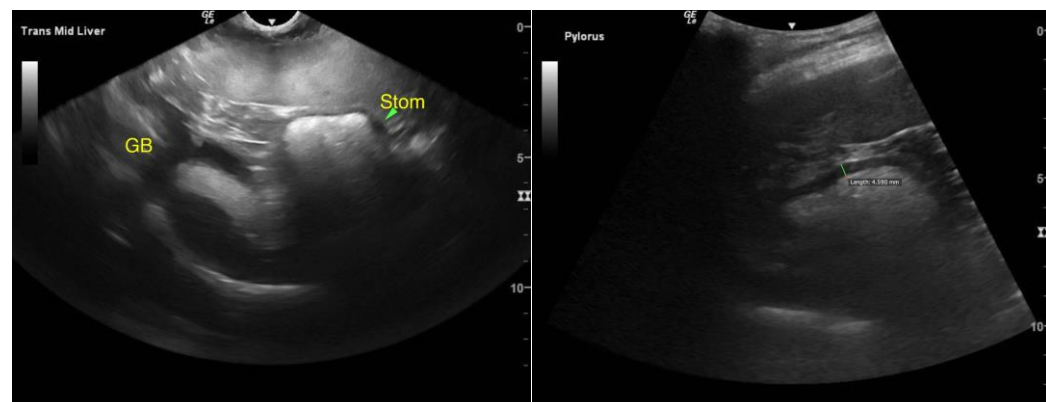
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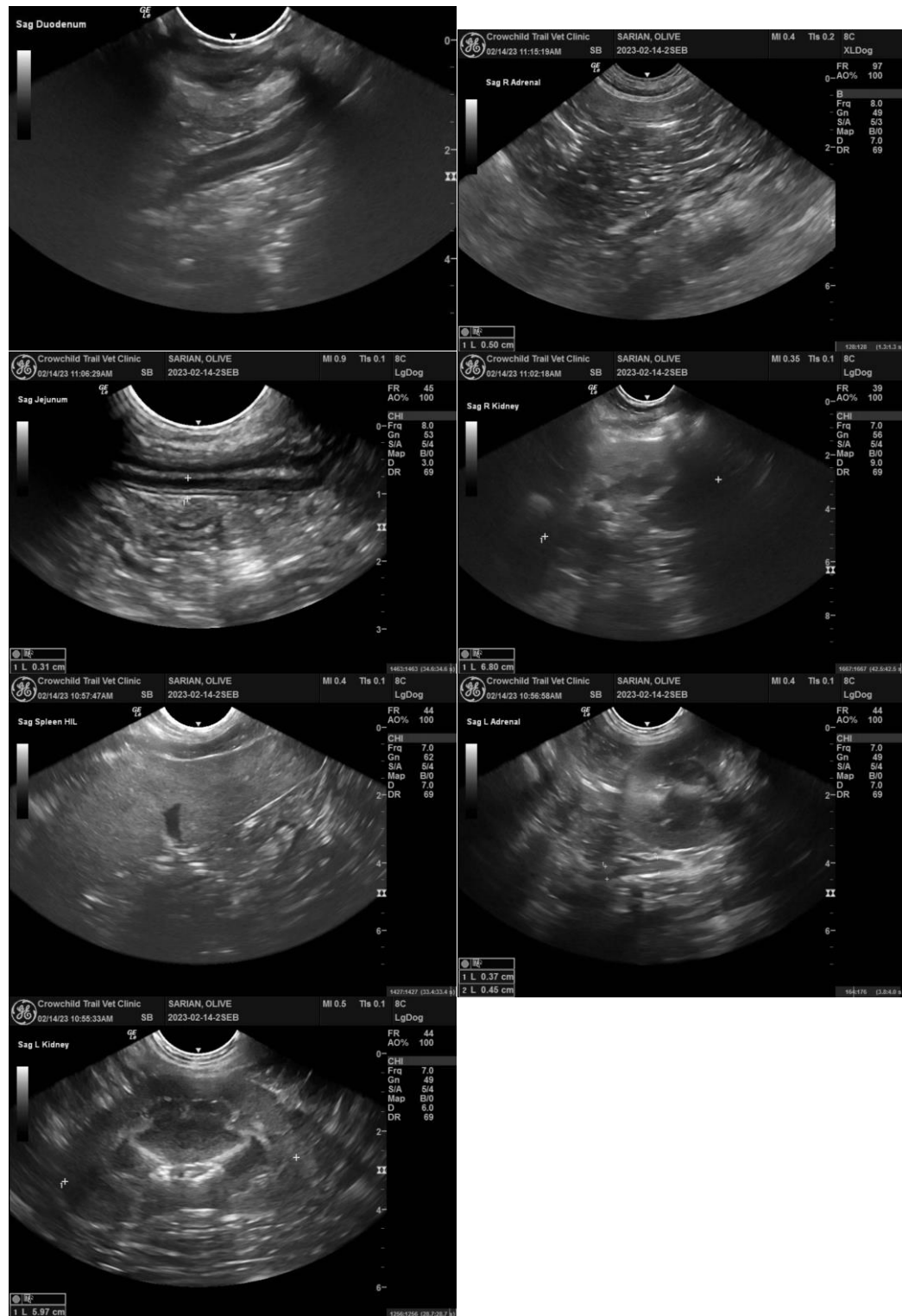
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

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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.

SPECIES

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Havanese

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WEIGHT

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