



PATIENT PRESENTING CLINICAL SIGNS

Mandi Truman Noted grade 2/6 heart murmur left side PMI with occasional irregular rhythm. Has noted decreased appetite lately and will sometimes go off of food for a few days at a time. No cough. Overweight but losing weight currently. Polyuria/ Proteinuria. High stress girl Blood pressure - 168/93

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Bloodwork WNL and urine specific gravity - 1.015

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Goldendoodle

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.

SEX

FS

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.3 cm in length. The right kidney measured 6.7 cm in length.

AGE

10yr

The area of the aortic trifurcation was free of pathology.

WEIGHT

27.7kg

The area of the uterine remnant appeared normal and free of pathology.

Focal minor isoechoic to mildly hypoechoic medial iliac lymphadenopathy measuring 1.0 cm in diameter was present. Not consistent with inflammatory or neoplastic criteria and considered incidental.

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 0.49 cm width at the caudal pole and 2.8 cm width at the cranial pole. The right adrenal gland was indistinctly visualized yet without overt pathology. The right adrenal gland measured 0.86 cm width at the caudal pole.

IMAGING PERFORMED BY

Crystal Hill

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

Grand River Veterinary
Hospital

REFERRING VET

Dr. Hornak

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

12036ag

Gastrointestinal

DATE

10/28/2022

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.



PATIENT

Mandi Truman

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 pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. Mild pancreatic duct dilation was present. This finding is most likely consistent with age related changes and benign mild remodeling. Potential for low grade to mild pancreatitis possible.

BREED

Goldendoodle

Free Abdomen

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

SEX

FS

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable GI tract
- Mildly heterogeneous pancreas with minor pancreatic duct dilation
- Mild non-specific renal changes

AGE

10yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

27.7kg

Overall, a largely geriatric abdomen without evidence of significant visceral pathology.

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

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(Canine and Feline)

The pancreas was non-specific and may indicate patient/ age variant, remodeling owing to previous inflammatory episode or mild to chronic pancreatitis possible. This potential may be considered if evidence of cranial abdominal or subxiphoid discomfort on palpation. Correlation with a spec cPL or a GI panel to include PLI/TLI/Cobalamin/Folate is recommended. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology.

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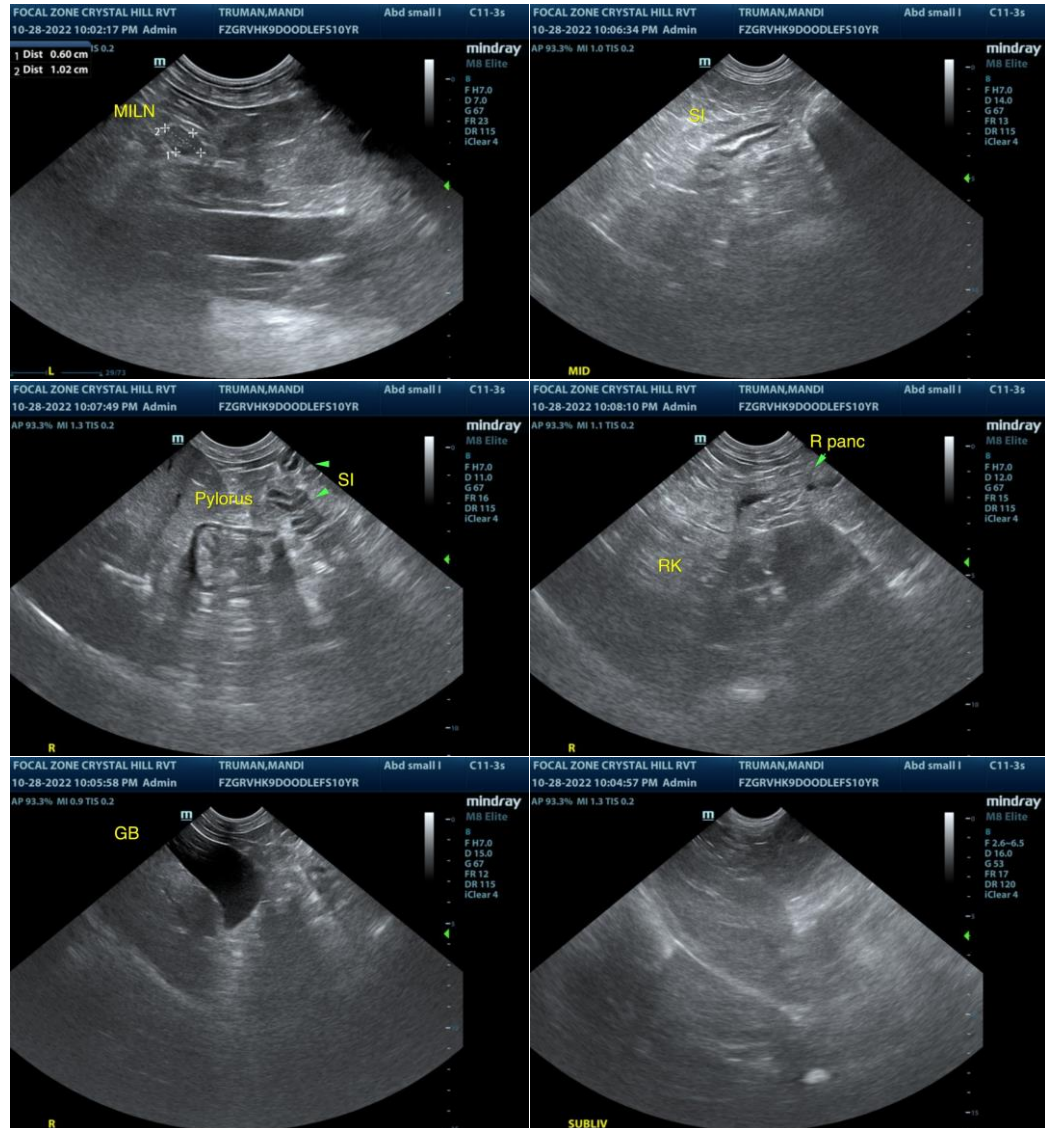
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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