



**PATIENT PRESENTING CLINICAL SIGNS**

Tasha Folk dark soft stool, anorexia

Abnormal PE/Chem/CBC/UA Results: (12-06-22) Amylase 1850 (337 - 5500) Reti-HGB 23.2 (24.5 - 31.8)

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

Golden Retriever

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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 6.9 cm in length. The right kidney measured 5.5 cm in length.

**AGE**

13yr

The area of the aortic trifurcation was free of pathology.

**WEIGHT**

29.5kg

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.60 cm width at the caudal pole and 0.56 cm width at the cranial pole. The right adrenal gland was indistinctly visualized subjectively measuring 0.60 cm caudal pole width.

**INTERPRETED BY**

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

**Spleen**

The spleen exhibited normal size and contour with generalized parenchyma heterogeneity. Intermittent non-disruptive hyperechoic nodules were present in the medial parenchyma adjacent to the hilus.

**IMAGING PERFORMED BY**

Kelly Reschny

**Liver/Gallbladder**

The liver presented mildly 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 minor non-dependent echogenic debris. The cystic and common bile ducts were normal.

**HOSPITAL NAME**

Headon Forest AH

**REFERRING VET**

Dr. Corlett

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material.

**INVOICE**

13008ag

The small intestine presented intact yet segmental prominent wall layering with minor segmental non-specific mucosal speckling. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Intestinal wall width measured 0.5 cm – 0.80 cm.

**DATE**

02/17/2023

The colon walls presented intact yet prominent wall layering with mild to moderate thickened to echogenic submucosa. Nonformed fecal matter was present in the descending colon lumen with lumen dilation.



**PATIENT**

**Pancreas**

Tasha Folk

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**

Subtle peri intestinal/pericolic hyperechoic omentum was present.

**BREED**

Golden Retriever

A focally enlarged medial iliac lymph nodes was present. The lymph node was homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. The lymph node measured 0.95 cm.

**SEX**

FS

**ULTRASONOGRAPHIC FINDINGS**

- Variably thickened colon
- Segmental intact yet prominent small bowel walls
- Normal stomach containing mild ingesta/chyme
- Mild non-specific hepatomegaly
- Mild gallbladder debris-not consistent with mucocele criteria
- Mild non-specific medial iliac lymphadenopathy

**AGE**

13yr

**WEIGHT**

29.5kg

**Secondary**

- Benign splenic myelolipomas
- Mild chronic renal changes

**INTERPRETED BY**

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DVM, DABVP  
(Canine and Feline)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The enterocolic sonographic appearance was non-specific and may indicate inflammatory etiologies i.e., IBD, colitis or other. Potential for early infiltrative enterocolic neoplasia which may present in a similar sonograph manner is possible. A definitive enterocolic tumor was not visualized. Some degree of mild non-obstructive functional gastric stasis may be present if documented NPO. Cobalamin/folate levels and a resting cortisol level to rule out occult Addison's disease could be considered. Endoscopic colonic +/- intestinal biopsies are likely required for a definitive diagnosis.

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Gastroprotectant protocol, limited antigen or hydrolyzed diet trial with potential long term dietary therapy, prophylactic deworming (Panacur 50 mg/kg SID x 5 consecutive days with repeat protocol in 3 weeks even if fecal testing is negative) and high colony count probiotic (Proviale or Visbiome), may prove beneficial.



**PATIENT**

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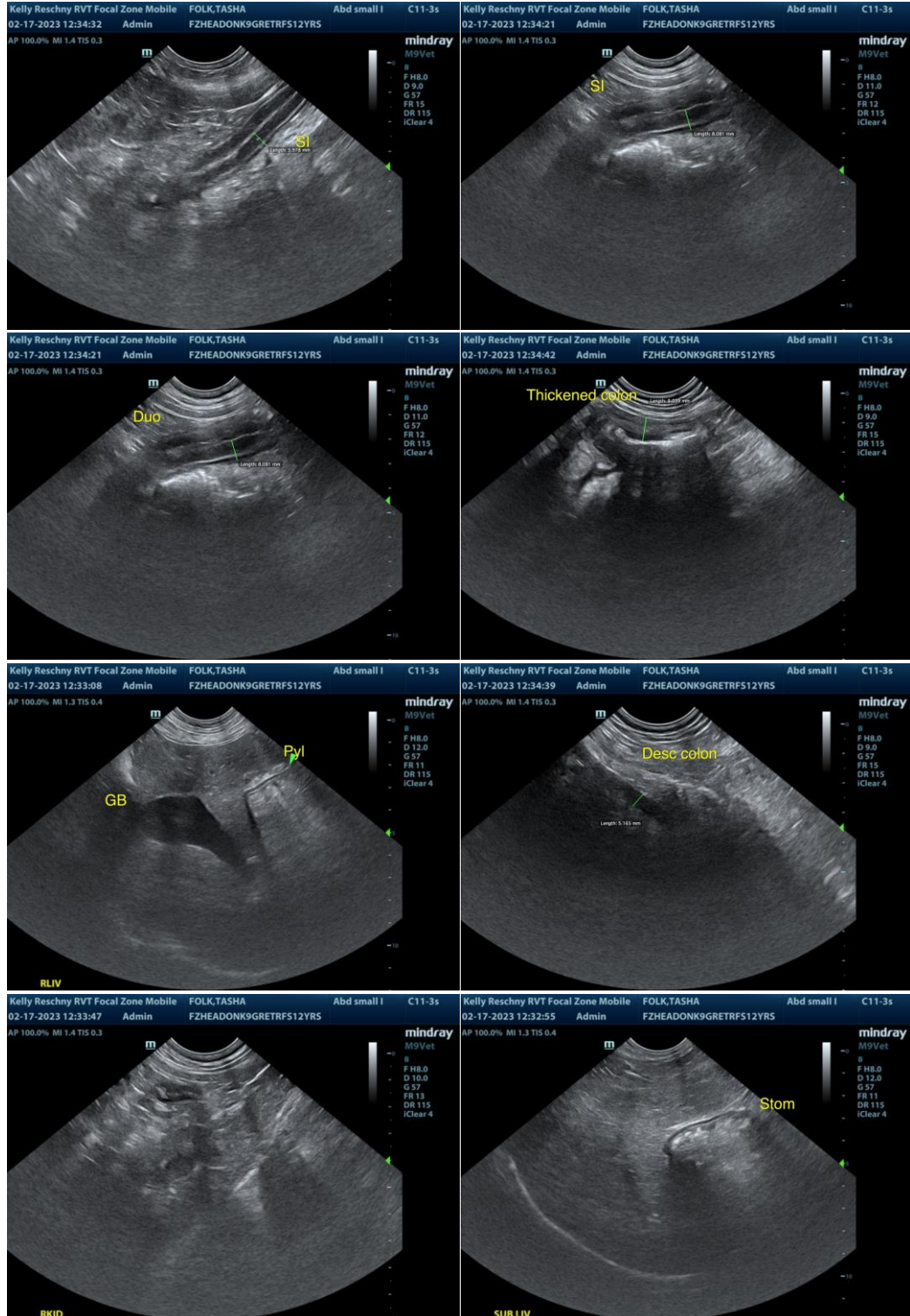
Dr. Corlett

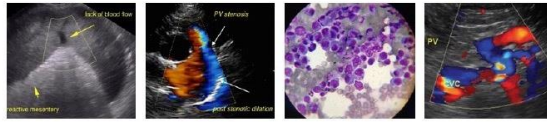
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**DATE**

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**PATIENT**

Tasha Folk

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

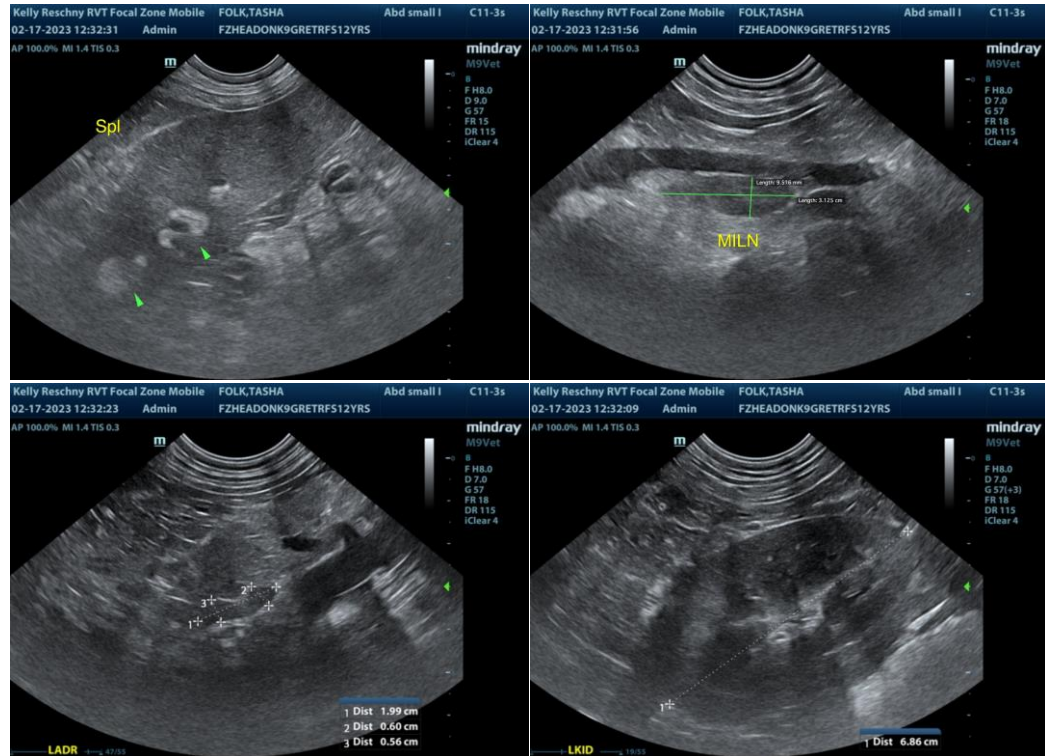
FS

**AGE**

13yr

**WEIGHT**

29.5kg



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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