



PATIENT PRESENTING CLINICAL SIGNS

Chloe Derby

History: 2-3 months history of diarrhea with intermittent bloody stools. Probiotics worsens the diarrhea and bland diet did not help. Metronidazole (7-day course) also did not provide improvement. Hyporexia noted for the last few days and p vomited 4 times on Sunday. Last ate small amount of meal last night at 6 pm.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Fecal OP and G - neg ALP 299 mid-May prior to onset of diarrhea clinical signs

BREED

Goldendoodle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Female, spayed

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with mostly anechoic urine. No masses, inflammatory changes or calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

AGE

13 Yrs.

The left kidney is normal size (5.57 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. Several cortical cysts are visualized. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

24 lbs.

The right kidney is normal size (5.72 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. Several cortical cysts are visualized. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.65 cm at cranial pole) (0.46 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Charlie Rodriguez

The right adrenal gland is normal size (0.88 cm at cranial pole) (0.58 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Bethany Family Pet
Clinic

Spleen

The spleen is normal in size (1.43 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

REFERRING VET

Dr. Pow

Liver

The liver is subjectively prominent in size with swollen curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen and exhibits mild heterogeneity. No distinct focal lesions are observed. Hepatic vasculature and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small to moderate amount of mostly gravity-dependent echogenic debris/sludge is observed within the lumen. The cystic and common bile ducts are normal/not seen.

INVOICE

13723

DATE

7/12/22



PATIENT

Gastrointestinal

Chloe Derby

The gastric lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall is normal to borderline thickened (up to 0.50 cm) with retention of the normal layering pattern. There is disruption in the normal 1:3 muscularis: mucosal ratio in some segments. Discreet masses are not identified. The colonic wall is normal. The colonic lumen contains granular appearing fecal material. No obstructive disease is noted.

SPECIES

Canine

BREED

Pancreas

Goldendoodle

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

SEX

Free Abdomen

Female, spayed

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

AGE

13 Yrs.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

24 lbs.

Primary Findings:

- The small intestinal wall changes are suggestive of inflammatory bowel disease. There is some potential for emerging lymphoma. However neoplasia is considered less likely at this time.

Secondary Findings:

- Bilateral, age-related renal changes with cortical cysts.
- The diffuse hepatic changes are non-specific and could be consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, and/or age-related remodeling. Inflammatory and infiltrative disease are considered less likely. However, correlation with the patient's liver values is recommended.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Charlie Rodriguez

HOSPITAL NAME

Bethany Family Pet
Clinic

REFERRING VET

Dr. Pow

INVOICE

13723

DATE

7/12/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Repeat baseline labwork including a CBC chemistry panel, urinalysis and T4 is recommended to assess overall metabolic function.
- Despite the negative fecal evaluation, consider prophylactic deworming with Fenbendazole.
- Other diagnostic/therapeutic considerations include the following:
 1. A resting cortisol level to screen for hypoadrenocorticism. If resting cortisol level is < 2.0 mcg/dL, an ACTH stimulation test is recommended
 2. GI panel (send to Texas A&M)
 3. Fecal PCR panel for infectious diseases
 4. Limited antigen diet trial (when the patient is eating again)
 5. Initiation of a probiotic with a high colony count (i.e., Provable Forte or Visbiome)



PATIENT

Chloe Derby

- 4-week course of Tylosin as empirical treatment for small intestinal bacterial overgrowth.
- Depending on the results of the above diagnostics/therapeutics, endoscopic or surgical GI biopsies may be necessary to get a definitive diagnosis.

SPECIES

Canine

BREED

Goldendoodle

SEX

Female, spayed

AGE

13 Yrs.

WEIGHT

24 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Charlie Rodriguez

HOSPITAL NAME

Bethany Family Pet
Clinic

REFERRING VET

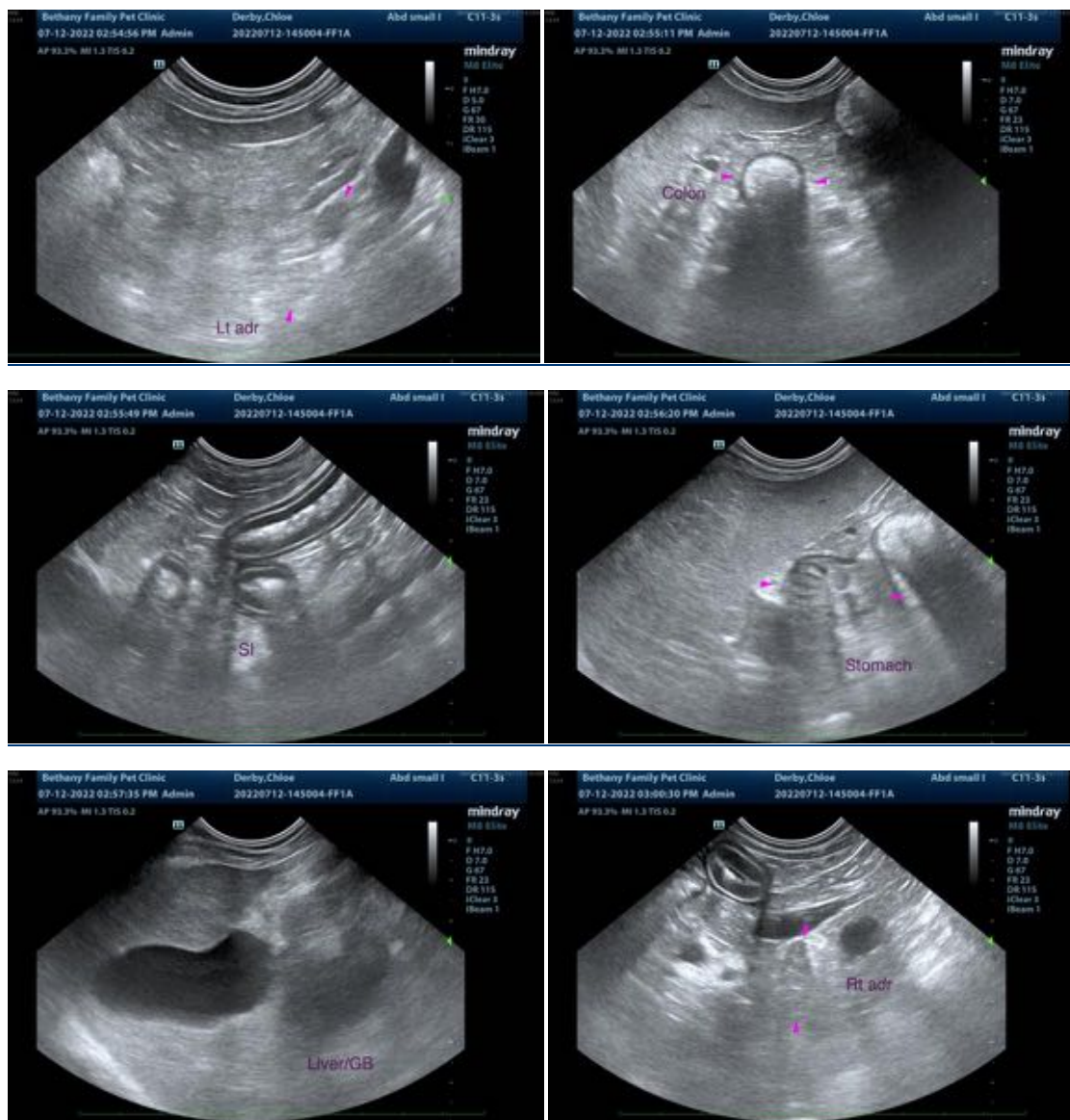
Dr. Pow

INVOICE

13723

DATE

7/12/22



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.

Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine)



PATIENT

Andrea.nicastro@sonopath.com

Chloe Derby

SPECIES

Canine

BREED

Goldendoodle

SEX

Female, spayed

AGE

13 Yrs.

WEIGHT

24 lbs.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

**IMAGING
PERFORMED BY**

Charlie Rodriguez

HOSPITAL NAME

Bethany Family Pet
Clinic

REFERRING VET

Dr. Pow

INVOICE

13723

DATE

7/12/22