



PATIENT PRESENTING CLINICAL SIGNS

Bailey Benton anemic on annual wellness bloodwork. O reports black stool 3 days before appt. (after hearing results) GI bleeding? O wishes to do coombs test and chest rads on day of ultrasound.
Abnormal PE/Chem/CBC/UA Results: CBC – HCT 0.23 w/reticulocytes 200.1, WBC 7.4, nucleated red blood cells, platelets 176, saline agglutination test neg. Chem – ALP 178, Glob 44.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Poodle X

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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

Spayed Female

The area of the aortic trifurcation was free of pathology.

AGE

8 Years

Normal size and margination were 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. Minor focal non-obstructive medullary mineralization was present. The right kidney measured 3.6 cm. The left kidney measured 3.7 cm.

WEIGHT

5.9 kg

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.1 cm length x 0.34 cm at the caudal pole. The right adrenal gland measured 1.2 cm length x 0.49 cm at the caudal pole.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Crystal Hill

Liver

The liver exhibited subjective mild generalized enlargement. 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. The cystic and common bile ducts were normal.

HOSPITAL NAME

Windrush Vet Services

REFERRING VET

Dr. Murdoch

Gastrointestinal

The stomach exhibited intact yet subjective mild prominent wall layering, primarily noted in the gastric antrum and pylorus with minor retained pyloric fluid. Pylorus wall measured 0.50 cm. Gastric body wall measured 0.30 cm.

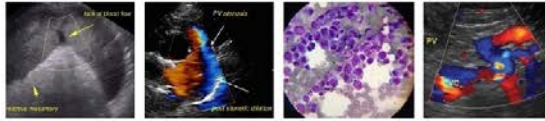
INVOICE

24741

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Minor concurrent retained anechoic fluid noted in the upper duodenum. No evidence of mechanical obstruction or foreign material. Overt evidence of gastrointestinal mural pathology or obvious ulceration was not noted, yet potential for microulceration cannot be definitively excluded. Duodenum wall measured 0.35 cm. Jejunum wall measured 0.28 cm.

DATE

8/16/21



PATIENT

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

Bailey Benton

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.

SPECIES

Canine

Free Abdomen

BREED

Poodle X

No evidence of intraabdominal lymphadenopathy or effusion. Potential for small mid abdominal lipoma possible, yet not definitive, measuring approximately 6.0 cm in diameter.

SEX

Spayed Female

- Mild primarily pyloric gastritis and upper duodenitis with minor retained pyloric and upper duodenal fluid
- Bilateral mild non-obstructive renal medullary mineralization
- Mild vacuolar hepatopathy pattern

AGE

8 Years

SECONDARY FINDINGS

- Possible small intraabdominal lipoma

WEIGHT

5.9 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pending Coombs test and chest radiographs, further assessment may include infectious disease serology if clinically indicated. Resting cortisol level could also be considered, although the bilateral adrenal glands appear to be sonographically normal. Gastroprotectant protocol is suggested.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Windrush Vet Services

REFERRING VET

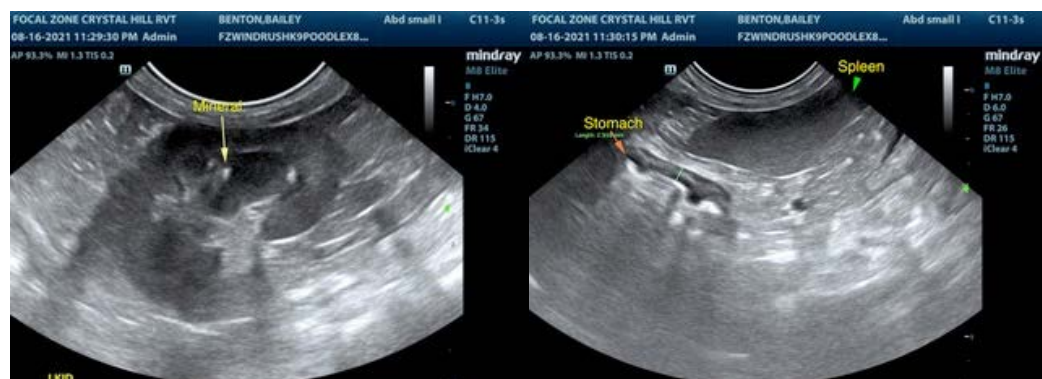
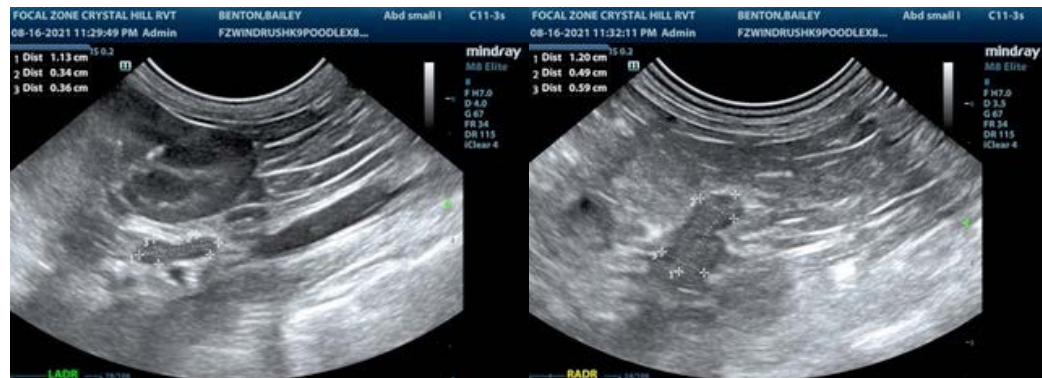
Dr. Murdoch

INVOICE

24741

DATE

8/16/21





PATIENT

Bailey Benton

SPECIES

Canine

BREED

Poodle X

SEX

Spayed Female

AGE

8 Years

WEIGHT

5.9 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Windrush Vet Services

REFERRING VET

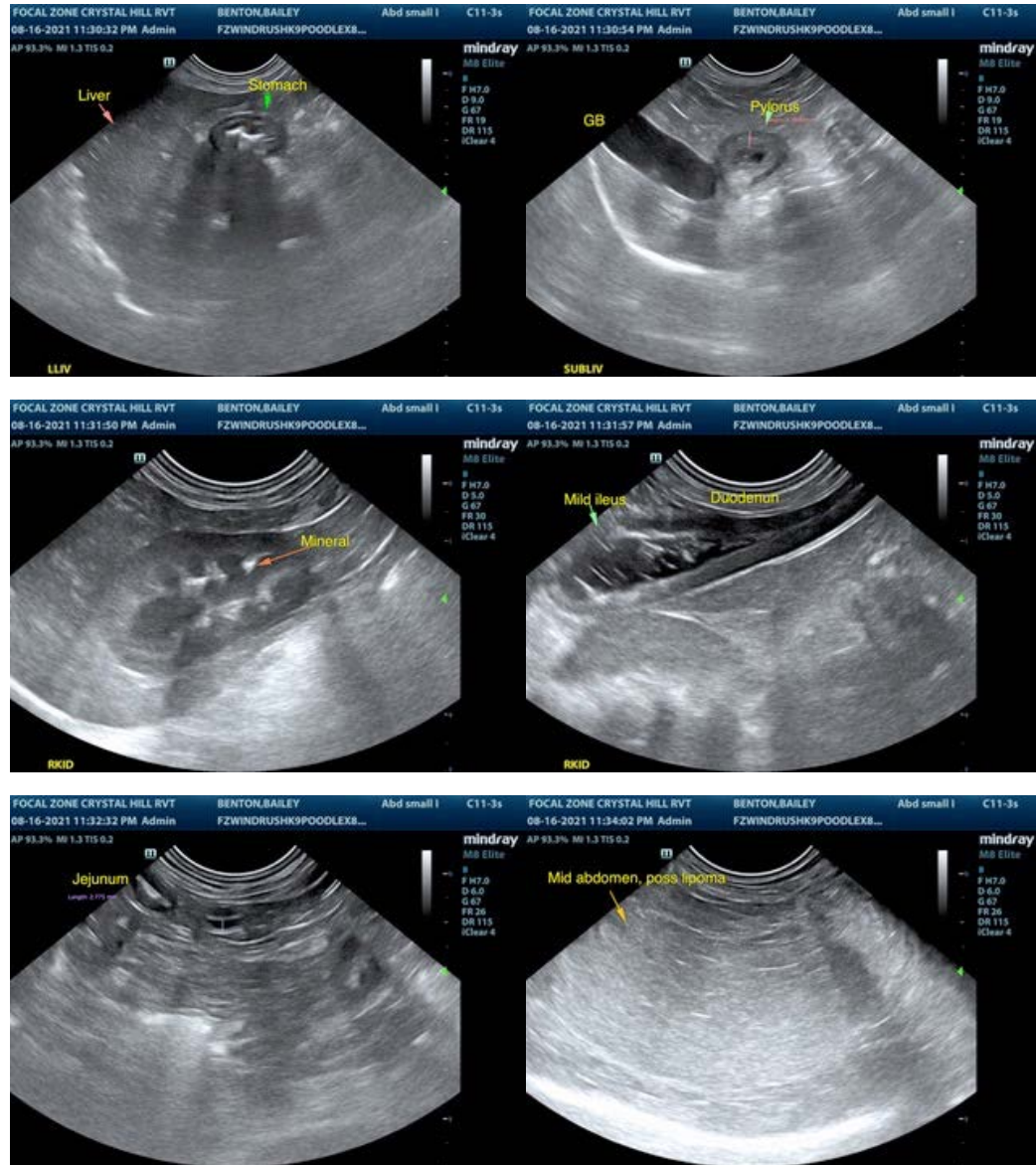
Dr. Murdoch

INVOICE

24741

DATE

8/16/21



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