



PATIENT

Chloe Bach

SPECIES

Canine

BREED

Bouvier des Flandres

SEX

FS

AGE

11 Years

WEIGHT

73.3 lbs

INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

Casey Schuelke, DVM

INVOICE

49768

DATE

1-22-22

PRESENTING CLINICAL SIGNS

Presented for anorexia, vomiting and diarrhea, being hospitalized for pancreatitis and colitis. Appetite and vomiting improved on cerenia and fluids. Amylase and lipase improved as well. Currently doing much better but still having colitis. ? pancreatic abscess or mass. History anal sac adenocarcinoma removed July, 2021 and MCT removed recently (12/2/21).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 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.

No evidence of pathology in the area of the aortic trifurcation and no evidence of sublumbar or medial iliac lymphadenopathy.

Normal size and margination was 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. Mild pyelectasia was noted in both kidneys. The left kidney measured 7.5 cm in length. The right kidney measured 6.3 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.57 cm width at the caudal pole and 0.51 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.60 cm width at the caudal pole and 0.62 cm width at the cranial pole.

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild echogenic, nonmineralized gallbladder debris. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

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. The gastric body wall measured 0.62 cm width.



PATIENT

Chloe Bach

The small intestine exhibited intact wall layering and primarily maintained 1:3 muscularis/mucosa ratio with subjective propensity for segmental mildly prominent to echogenic submucosa. No evidence of intestinal masses or loss of intestinal wall layering. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall measured 0.56 cm width and the jejunum wall measured 0.39 cm width.

SPECIES

Canine

The colon walls presented intact yet prominent wall layering with mild thickened to echogenic submucosa. Semi-formed feces was noted in the proximal colon with empty segmental to semi-formed feces present in the descending colon. The empty descending colon wall measured 0.42 cm width.

BREED

Bouvier des Flandres

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.

SEX

FS

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

11 Years

ULTRASONOGRAPHIC FINDINGS

Primary

- Mild colitis with potential low grade to resolving inflammatory enteropathy pattern.
- Sonographically unremarkable pancreas.
- Mild chronic renal changes with mild nonspecific pyelectasia.

WEIGHT

73.3 lbs

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of active pancreatitis or other pancreatic pathology. Potential for low grade to chronic pancreatitis or possible resolving pancreatitis, which may present sonographically normal, is possible. Resolving inflammatory bowel episode, dietary indiscretion, or similar may be considered in this patient if no previous history of gastrointestinal signs. If recurrent gastrointestinal signs are noted, low grade pancreatitis, dysbiosis, dietary intolerance, food hypersensitivity, or potential inflammatory bowel disease may be considered.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

No overt evidence of intraabdominal metastasis either from anal sac adenocarcinoma or mast cell tumor.

HOSPITAL NAME

Wood River Animal
 Hospital

Given improvement with supportive care, continued as needed gastrointestinal support and medical therapy for colitis would be appropriate.

REFERRING VET

Casey Schuelke, DVM

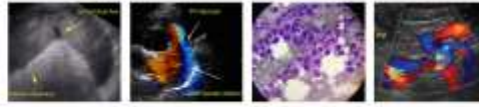
The pyelectasia present in both kidneys may be owing to chronic renal changes, potential pelvic scarring possibly owing to previous calculi passage, IV fluid therapy (if applicable). Urine C/S and protein:creatinine ratio on sterile urine sample is recommended.

INVOICE

49768

DATE

1-22-22



PATIENT

Chloe Bach

SPECIES

Canine

BREED

Bouvier des Flandres

SEX

FS

AGE

11 Years

WEIGHT

73.3 lbs

INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

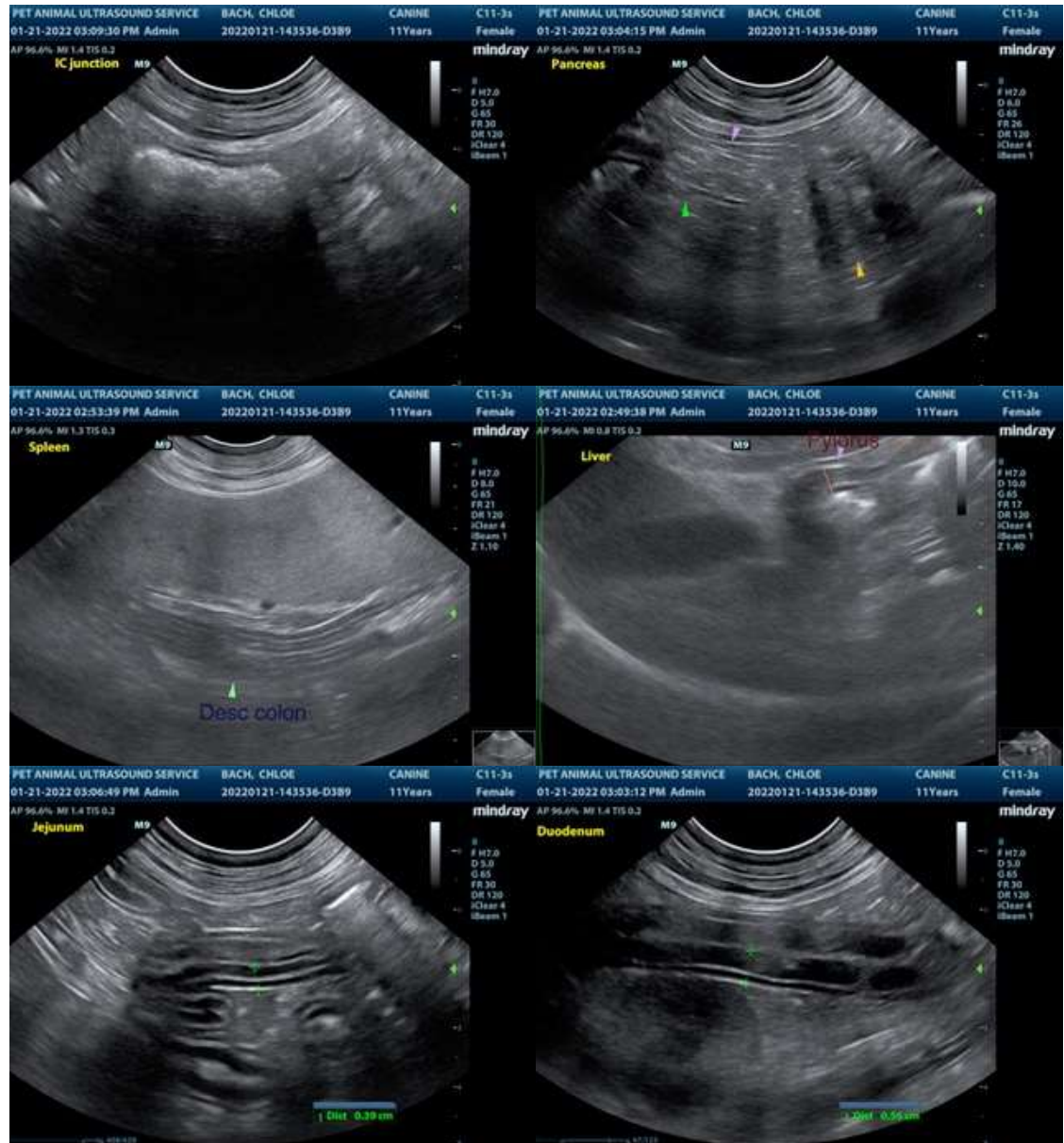
Casey Schuelke, DVM

INVOICE

49768

DATE

1-22-22





PATIENT

Chloe Bach

SPECIES

Canine

BREED

Bouvier des Flandres

SEX

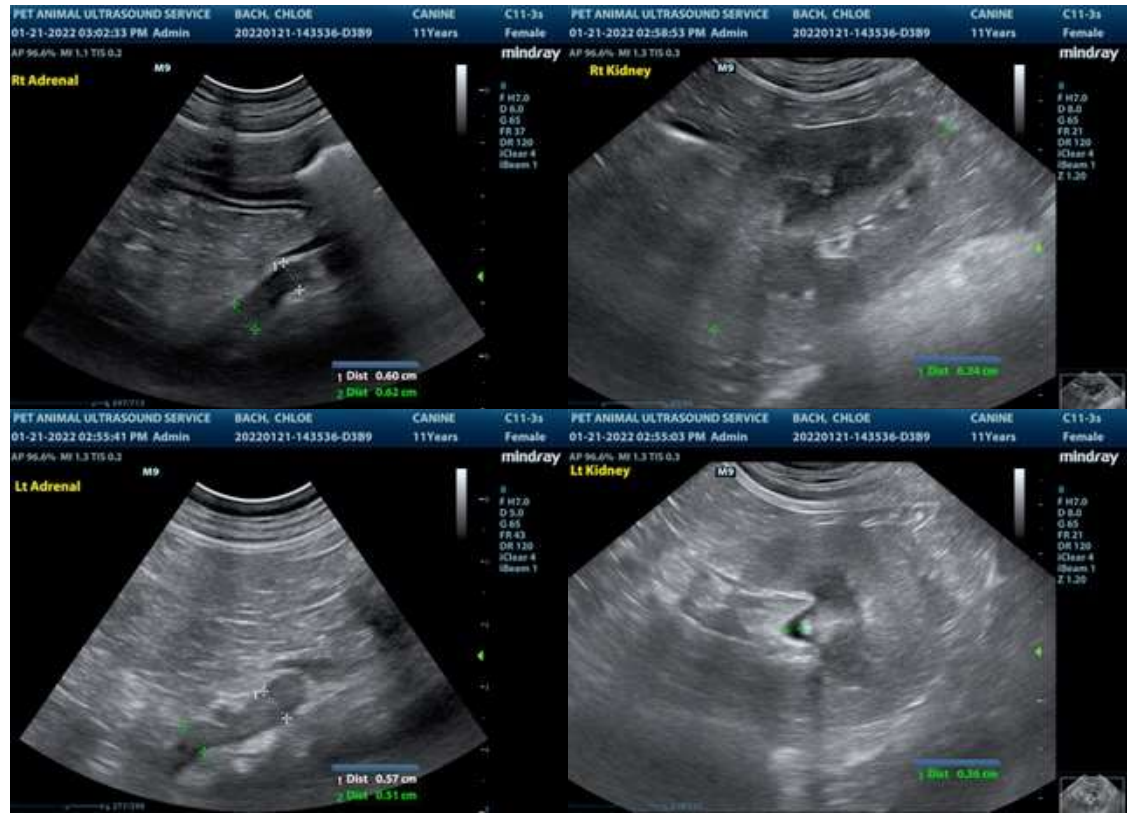
FS

AGE

11 Years

WEIGHT

73.3 lbs



INTERPRETED BY

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

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Wood River Animal
 Hospital

REFERRING VET

Casey Schuelke, DVM

INVOICE

49768

DATE

1-22-22

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
 info@SonoPath.com