



PATIENT

Bella Capkovic

SPECIES

Canine

BREED

Chihuahua X

SEX

Spayed Female

AGE

10 Years 6 Months

WEIGHT

9.9

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein Vet Clinic

REFERRING VET

Dr. Erin Rothrock

INVOICE

45428

DATE

2/22/23

PRESENTING CLINICAL SIGNS

P has a 5 month history of intermittent hematochezia. She has been on a bland diet for about a month with no improvement. Has vomited once. Current meds: Gabapentin and metronidazole, was taking vetprofen and immodium.

Abnormal PE/Chem/CBC/UA Results: BW pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is only mildly distended (empty). Visible contents are anechoic. Urinary bladder wall is unable to be fully assessed for pathology without further distension. No visible masses or cystoliths are observed. The trigone and visible pelvic urethra are normal thickness with a smooth mucosal surface. If there are urinary signs and/or concern for urinary bladder pathology, reassessment after complete filling is recommended.

The right kidney is normal in size (3.76 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

The left kidney is normal in size (3.62 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Adrenal Glands

Adrenal glands are small (flattened contour). Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal. The right adrenal gland measures 1.44 cm long x 0.36 cm at the cranial pole and 0.36 cm at the caudal pole. The left adrenal gland measures 1.31 cm long x 0.39 cm at the cranial pole and 0.35 cm at the caudal pole.

Spleen

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

Liver

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions



PATIENT

Bella Capkovic

per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

SPECIES

Canine

The colon is mildly diffusely thick, ranging between 0.30-0.50 cm with normal intact layering preserved. Contents are consistent with normal formed feces and gas.

BREED

Chihuahua X

Pancreas

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

SEX

Spayed Female

Free Abdomen

There is no evidence of free peritoneal effusion noted in these images.

AGE

10 Years 6 Months

There is no apparent lymphadenopathy noted in these images.

WEIGHT

9.9

ULTRASONOGRAPHIC FINDINGS

- **Flat adrenal glands** – This can be a normal patient variant and/or a sign of exogenous cortisol administration. If exogenous steroids are not being administered, hypoadrenocorticism (either relative or absolute) should be considered.
- **Diffusely thick colon** – Suggestive of infiltrative process with differentials including benign parasitic, infectious, inflammatory, versus even infiltrative neoplasia, which cannot be ruled out without tissue sampling.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

As is reportedly already pending, a general metabolic health screen is recommended, beginning with CBC/Chem panel, electrolytes, a urinalysis and, if indicated based on urinalysis results, urine culture. If protein is present in an otherwise quiet sediment, protein quantification with a urine protein to creatinine ration is recommended.

IMAGING PERFORMED BY

Jessica Green

A baseline cortisol is recommended. If baseline cortisol is less than 2, a full ACTH stimulation test is recommended to rule out hypoadrenocorticism.

HOSPITAL NAME

Stanglein Vet Clinic

If not recently evaluated, a fecal exam is recommended, as is a fecal enteropathogen PCR panel to Texas A&M GI Laboratory.

REFERRING VET

Dr. Erin Rothrock

A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.

INVOICE

45428

In the meantime, empirical deworming with a 5-day course of Panacur is recommended, as is a probiotic such as Visbiome or Provable. Given the lack of improvement with a bland diet, if tolerated, transition to a fiber response colitis diet could be considered, or alternatively a hydrolyzed protein diet based on trial and error response.

DATE

2/22/23

Ultimately, if a diagnosis isn't obtained and clinical signs persist, colonoscopy is recommended for further visual evaluation and biopsies of the colon.



PATIENT

Bella Capkovic

SPECIES

Canine

BREED

Chihuahua X

SEX

Spayed Female

AGE

10 Years 6 Months

WEIGHT

9.9

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

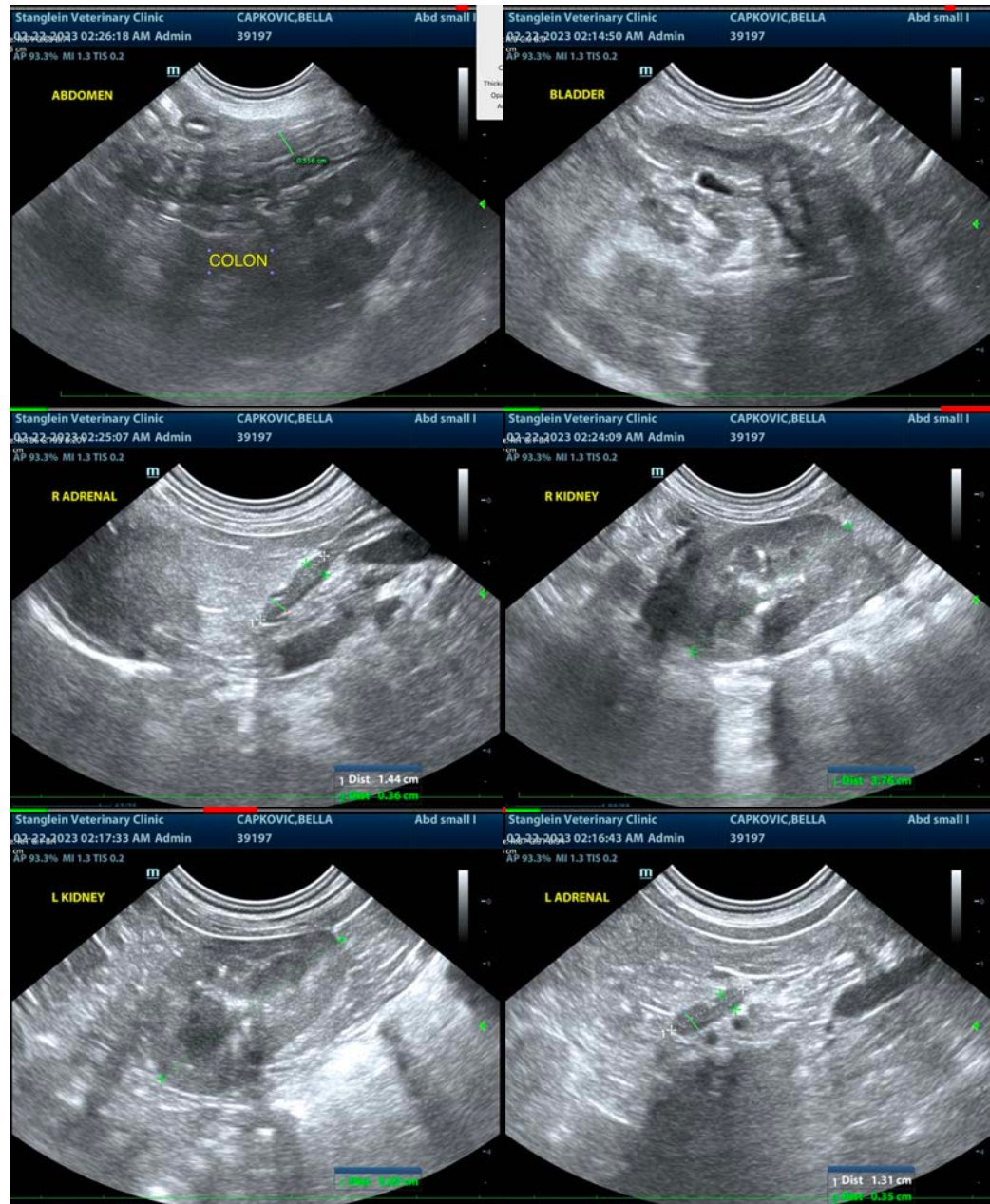
Jessica Green

HOSPITAL NAME

Stanglein Vet Clinic

REFERRING VET

Dr. Erin Rothrock



INVOICE

45428

DATE

2/22/23

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.

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com