



PATIENT

Koda Meehan

PRESENTING CLINICAL SIGNS

History: Presented 7/9/22 for inappetence and one episode of vomiting, followed by 24 hrs of diarrhea. Increased panting. CBC / Chem - ALT 191, ALP 294, else wnl.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is distended with anechoic urine, and no luminal sediment is present. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. The ureteral papillae, trigone and pelvic urethra are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted.

BREED

Bernese Mountain Dog

SEX

The prostate is normal.

Neutered male

The kidneys are of normal size and shape and exhibit appropriate corticomedullary differentiation with a normal 1:3 cortex to medulla ratio. There is no evidence of nephrolithiasis, mineralization, pyelectasia, cystic change or hydronephrosis. The proximal ureter is not visible (normal). The left kidney is (6.25) cm in length. The right kidney is (6.7) cm in length.

AGE

8 years

Adrenal Glands

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland height is (6.1) mm at the cranial pole and (6.1) mm at the caudal pole. The right adrenal gland height is (8.1) mm at the caudal pole.

WEIGHT

95 lbs

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

Spleen

The spleen is of appropriate size and has a normal, homogenous parenchyma with a smooth, continuous capsular surface. A 1.9 x 1.3 cm isoechoic mass is noted in the middle of the spleen and causes capsular deviation. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal.

IMAGING PERFORMED BY

Dr. Mengine

Liver

The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Mengine

The gallbladder is completely distended with hyperechoic contents that do not appear to move. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

INVOICE

31679

Gastrointestinal

The stomach is empty. The gastric wall is normal with deviations due to rugal folds, and exhibits appropriate wall layering. The pylorus is of normal appearance.

DATE

7/14/22



PATIENT

Koda Meehan

The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. The duodenal wall measures (0.45) cm. The jejunal wall measures up to (0.36) cm. . Intestinal motility appears normal.

SPECIES

Canine

The visible portions of the colon are of normal thickness, up to (1.2) mm, with intact wall layering. The ileocecal junction is visualized and appears normal.

BREED

Bernese Mountain Dog

Pancreas

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

SEX

Neutered male

Free Abdomen

There is no evidence of free fluid within the peritoneal cavity. The omentum and intra-abdominal fat are of appropriate echogenicity. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

AGE

8 years

WEIGHT

95 lbs

ULTRASONOGRAPHIC FINDINGS

PRIMARY FINDINGS:

Possible emerging biliary mucocele.

SECONDARY FINDINGS:

Isoechoic splenic nodule.

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes in the gallbladder are concerning for an emerging biliary mucocele. If the patient is showing clinical signs of illness then emergency assessment and possible cholecystectomy are recommended. In the absence of clinical symptoms or evidence of gallbladder wall necrosis recommendations include medical management with Ursodiol and hepatic protectants with or without antibiotic therapy. I recommend to continue ultrasonographic monitoring every 4-8 weeks to monitor for progression to a surgical mucocele.

IMAGING PERFORMED BY

Dr. Mengine

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Mengine

FNA of the spleen mass is recommended with a 25-gauge needle or alternatively splenectomy.

INVOICE

31679

DATE

7/14/22



PATIENT

Koda Meehan

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Neutered male

AGE

8 years

WEIGHT

95 lbs

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline practice)

IMAGING PERFORMED BY

Dr. Mengine

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

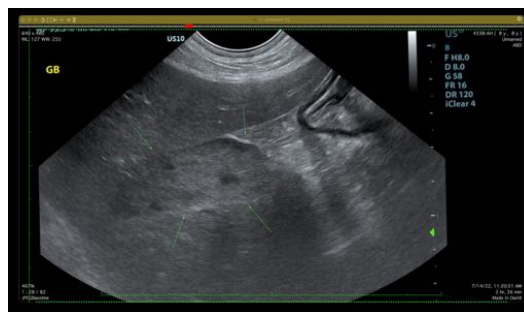
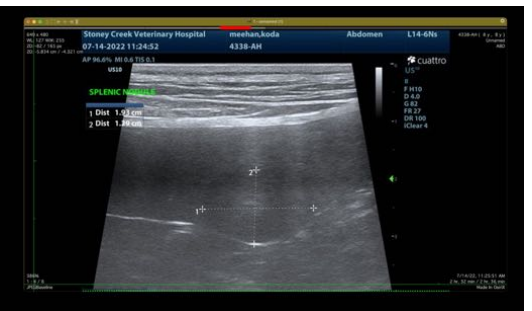
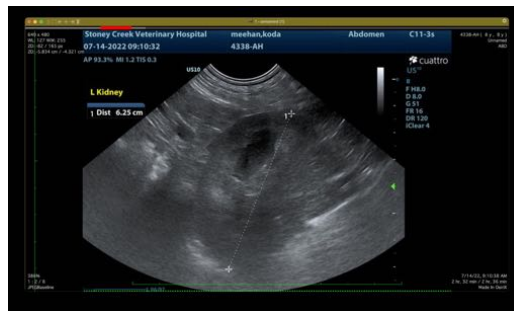
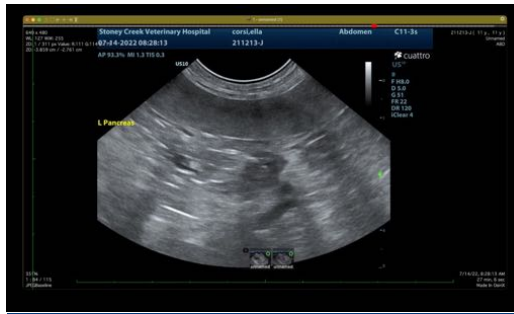
Dr. Mengine

INVOICE

31679

DATE

7/14/22



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.

Tam Mengine, DVM, DABVP (canine/feline practice)

info@SonoPath.com



PATIENT

Koda Meehan

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Neutered male

AGE

8 years

WEIGHT

95 lbs

INTERPRETED BY

Tam Mengine, DVM,
DABVP (canine/feline
practice)

**IMAGING
PERFORMED BY**

Dr. Mengine

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Mengine

INVOICE

31679

DATE

7/14/22