

PATIENT PRESENTING CLINICAL SIGNS

Mochi O'Donnell History: Recent lethargy and mildly elevated liver values (ALT 347, ALP 178)

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. 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. Urethra visualized to 3.0 cm.

BREED

Labrador Retr Mix

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 5.9 cm in length. The right kidney is 6.6 cm in length.

SEX

Female Spayed

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 5.2 mm at the cranial pole and 6.6 mm at the caudal pole. The right adrenal gland height is 8.8 mm at the cranial pole and 5.1 mm at the caudal pole.

AGE

9.8 years

Spleen

The splenic parenchyma is subtly mottled with small hypoechoic nodules. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilum appears normal.

WEIGHT

51.8 lbs

INTERPRETED BY

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

Liver

The liver appears subjectively small in size, with a mildly mottled parenchyma, consistent with remodeling change. The echogenicity is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

IMAGING PERFORMED BY

Dr. Tam Mengine

The gallbladder is moderately distended with anechoic contents and a small amount of freely-moveable echogenic sludge. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

HOSPITAL NAME

Stoney Creek VH

Gastrointestinal

The stomach is empty. The gastric wall is subjectively normal in thickness, and exhibits appropriate wall layering, but cannot be accurately measured due to normal deviations of the rugal folds. The pylorus is of normal appearance.

REFERRING VET

Dr. Mandy Becker

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 4.8 mm. The jejunal wall measures up to 4.0 mm. Intestinal motility appears normal.

INVOICE

12995

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.

DATE

5.9.23



PATIENT

Mochi O'Donnell

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Labrador Retr Mix

Findings

- Subjectively small liver with apparent remodeling change

SEX

Female Spayed

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no definitive cause for the elevated ALT on today's ultrasound. While the change in appearance of the liver may be incidental, bile acid testing is recommended; and if elevated, additional diagnostics (such as core biopsies of the liver) would be warranted. If the patient exhibits weight loss or other nonspecific signs, then aspirates of the spleen, along with a liver biopsy would also be a consideration. Otherwise, supportive care and rechecking values in one month to see whether elevations are persistent, would be reasonable.

AGE

9.8 years

WEIGHT

51.8 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Tam Mengine

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

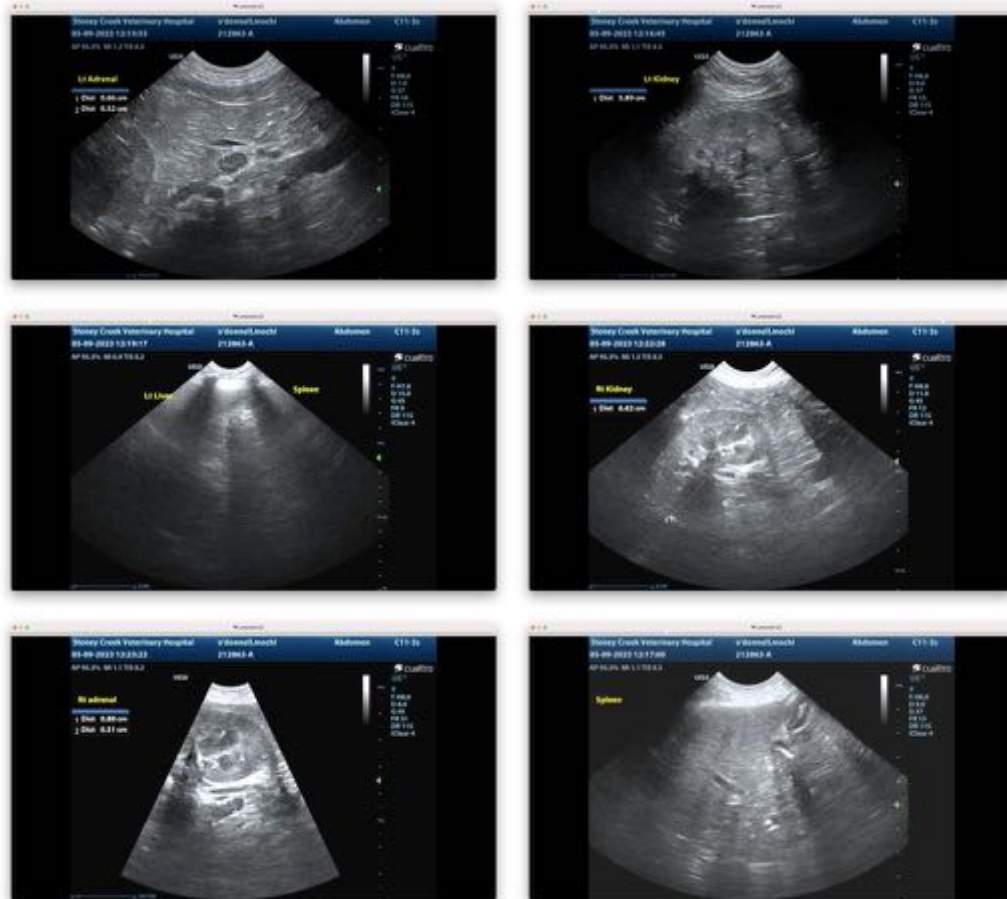
Dr. Mandy Becker

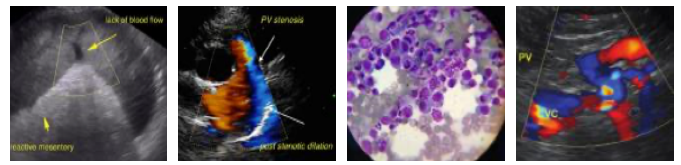
INVOICE

12995

DATE

5.9.23





PATIENT

Mochi O'Donnell

SPECIES

Canine

BREED

Labrador Retr Mix

SEX

Female Spayed

AGE

9.8 years

WEIGHT

51.8 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Tam Mengine

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

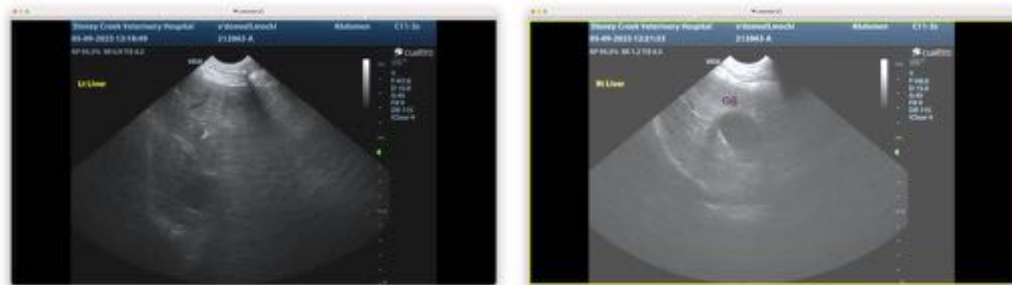
Dr. Mandy Becker

INVOICE

12995

DATE

5.9.23



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.

Tam Mengine, DVM, DABVP (canine/feline practice) info@SonoPath.com