

PATIENT

Cookie Webber

PRESENTING CLINICAL SIGNS

History: P presented for LDDST for PU/PD LDDST being performed today.
Abnormal PE/Chem/CBC/UA Results: Liver enzyme elevation

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Collie Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Neutered male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.4 cm with trace pyelectasia. The left kidney measured 5.71 cm with minor pyelectasia.

AGE

14 years

WEIGHT

64.7 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 3.07 x 0.56 cm at the caudal pole and 0.58 cm at the cranial pole. The right adrenal gland measured 2.4 x 0.62 cm at the caudal pole and 0.75 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

Spleen

The **spleen** revealed a 4.3 cm parenchymal mass with capsular expansion. There was no evidence of cavitation. The spleen was also folded upon itself caudally.

HOSPITAL NAME

Monroe Road AH

Liver

The **liver** revealed coarse architecture with increased portal markings. The liver was mildly subnormal in size. Coalescing, hypoechoic nodular changes were noted. A moderate amount of remodeling was noted. The gallbladder and common bile duct were unremarkable.

REFERRING VET

Dr. Widay

Gastrointestinal

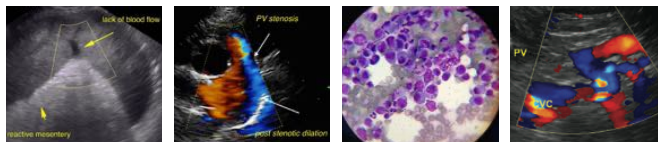
INVOICE

46687

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

DATE

8/21/23



PATIENT

Cookie Webber

SPECIES

Canine

BREED

Collie Mix

SEX

Neutered male

AGE

14 years

WEIGHT

64.7 lbs

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Splenic mass.

Hepatic remodeling and nodular changes.

Slight renal pyelectasia, age related changes.

Structurally normal adrenal glands. Adrenal disease is not suspected.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment for UTI is warranted.

The hepatic changes are most consistent with nodular hyperplasia, fibrosis, cirrhosis or a mild potential for metastatic disease. Splenic mass differentials include benign hyperplasia, hemangiosarcoma, round cell neoplasia less likely. Screening FNA of the hepatic nodules and splenic mass can be considered or direct splenectomy with liver inspection and biopsy. However, bile acid profile is warranted prior to any anesthetic procedure given the degree of hepatic remodeling. Chest radiographs and echocardiogram are warranted to assess for metastatic disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

HOSPITAL NAME

Monroe Road AH

REFERRING VET

Dr. Widay

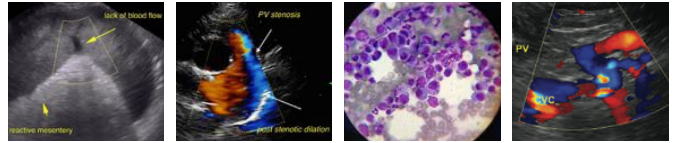
INVOICE

46687

DATE

8/21/23





PATIENT

Cookie Webber

SPECIES

Canine

BREED

Collie Mix

SEX

Neutered male

AGE

14 years

WEIGHT

64.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Carolina Veterinary
Mobile

HOSPITAL NAME

Monroe Road AH

REFERRING VET

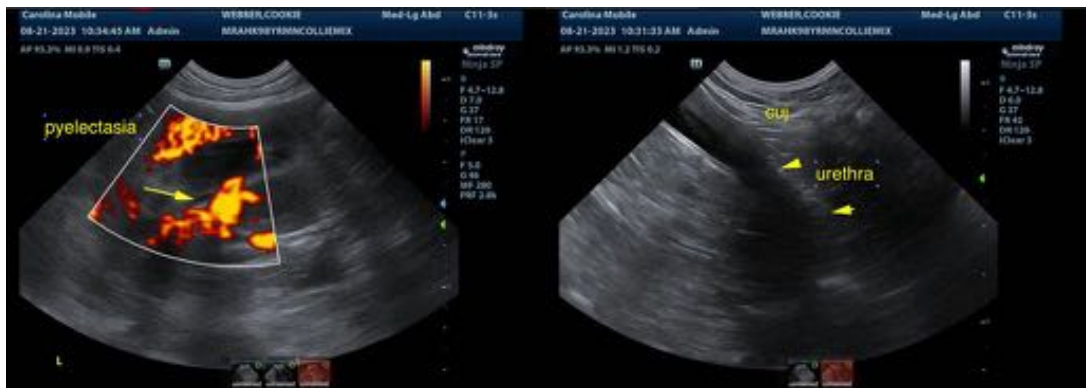
Dr. Widay

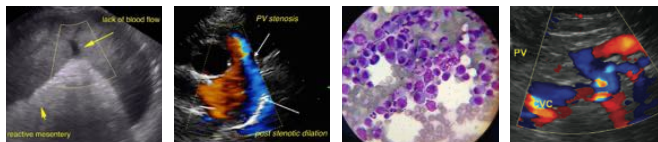
INVOICE

46687

DATE

8/21/23





PATIENT

Cookie Webber

SPECIES

Canine

BREED

Collie Mix

SEX

Neutered male

AGE

14 years

WEIGHT

64.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Carolina Veterinary
Mobile

HOSPITAL NAME

Monroe Road AH

REFERRING VET

Dr. Widay

INVOICE

46687

DATE

8/21/23



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com