



PATIENT

Sammy Barbour

SPECIES

Canine

BREED

Schnauzer Mix

SEX

Neutered Male

AGE

8 Years

WEIGHT

16.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Emily Kirk

HOSPITAL NAME

Shiloh AH

REFERRING VET

Lauren Eyrich

INVOICE

14768

DATE

4/15/22

PRESENTING CLINICAL SIGNS

History: Recently examined for routine annual. Physical exam findings overall unremarkable other than mild tartar and thin hair coat. Updated lab work shows persistent increase in liver enzymes (ALT, ALP and GGT).

Abnormal PE/Chem/CBC/UA Results: Mild but persistent elevations in ALT, ALP and GGT

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 were noted. Ureteral papillae were normal. The residual prostate measured 7.0 mm.

The **kidneys** revealed normal size and structure, corticomodullary 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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.6 cm. The left kidney measured 4.3 cm.

Adrenal Glands

The **left adrenal gland** was 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 measured 0.38 cm.

The **right adrenal gland** was not visualized.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

Minor irregular swelling was noted in the left **liver**. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. No overt masses present. FNA indicated for further definition.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt



PATIENT

Sammy Barbour

infiltrative disease was noted. No associated abnormal lymphatic activity was noted. The gallbladder and common bile duct were normal.

Pancreas

SPECIES

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Schnauzer Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Benign hepatopathy with slight irregular left hepatic contour, likely vacuolar hepatopathy with some inflammatory component.
- Age-related pancreatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of neoplasia. FNA indicated for further definition.

AGE

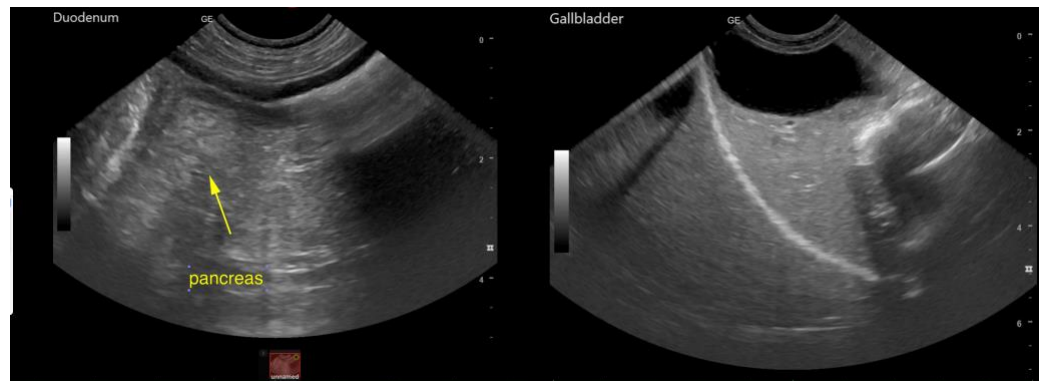
8 Years

WEIGHT

16.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

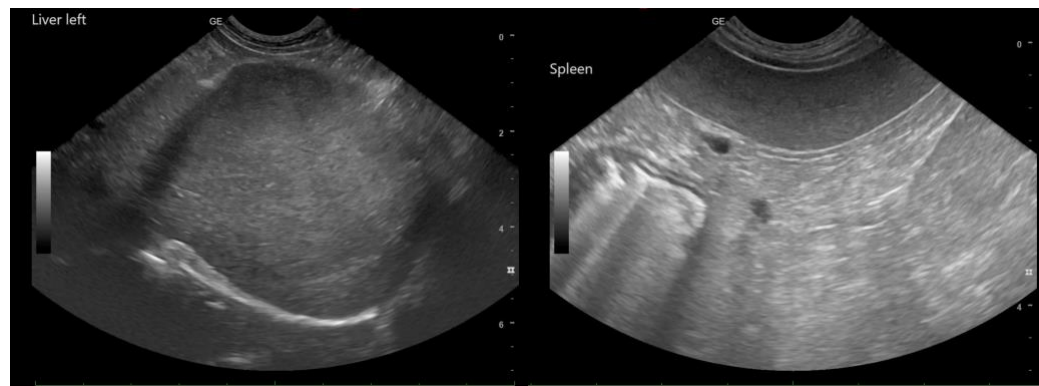


IMAGING PERFORMED BY

Emily Kirk

HOSPITAL NAME

Shiloh AH



REFERRING VET

Lauren Eyrich

INVOICE

14768

DATE

4/15/22



PATIENT

Sammy Barbour

SPECIES

Canine

BREED

Schnauzer Mix

SEX

Neutered Male

AGE

8 Years

WEIGHT

16.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Emily Kirk

HOSPITAL NAME

Shiloh AH

REFERRING VET

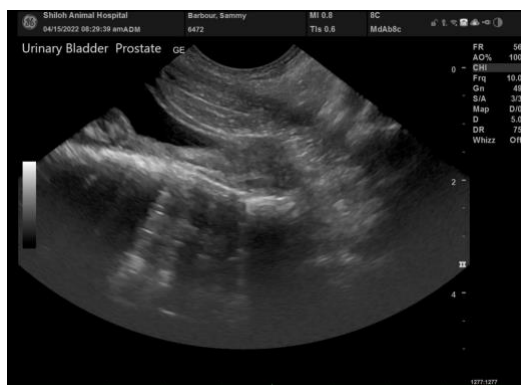
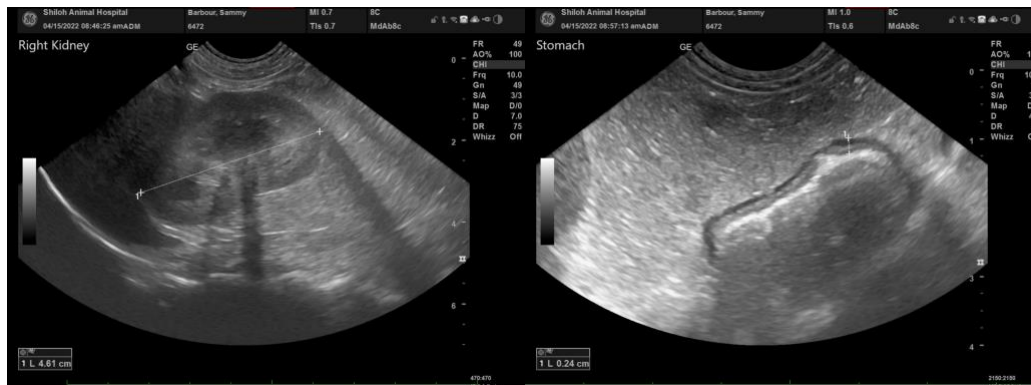
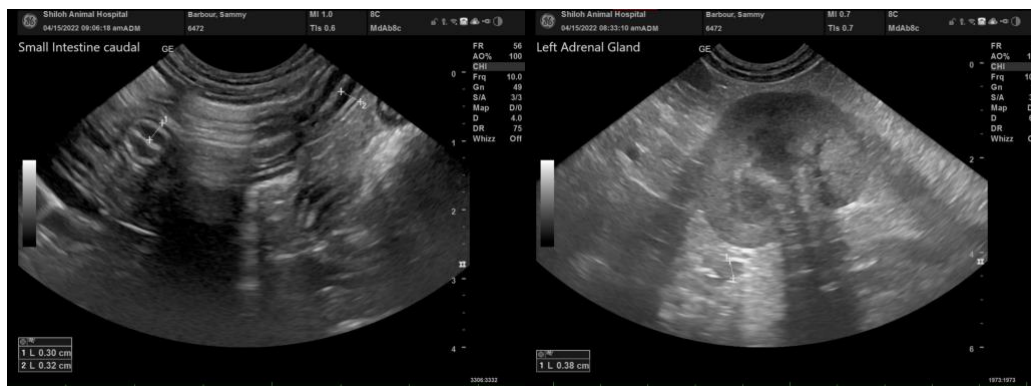
Lauren Eyrich

INVOICE

14768

DATE

4/15/22



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.

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