



PATIENT

Cooper Sills

PRESENTING CLINICAL SIGNS

History: Anorexic, lethargy No improvement with ATBs
Abnormal PE/Chem/CBC/UA Results: Icteric, ALP 2000 ALT 800 WBC 41,000 with neutrophilia UTI

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Basset

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 residual prostate measured 0.5 cm.

AGE

9 years

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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 7.1 cm.

WEIGHT

60 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 0.6 cm. The right adrenal gland measured 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Mack

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 was noted.

HOSPITAL NAME

Northside VC

Liver

REFERRING VET

Dr. Mack

The **liver** revealed slightly increased portal markings. The gallbladder and common bile duct were unremarkable. This is consistent with non-specific inflammatory hepatopathy. The changes were minor and subtle. Acute insult such as Leptospirosis or toxin exposure should be considered.

INVOICE

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Gastrointestinal

Examination of the **gastrointestinal tract** revealed minor thickening of the pyloric wall. A minor amount of chyme was noted in the pyloric lumen. The intestines were free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine

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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Cooper Sills

SPECIES

Pancreas

Canine

The **pancreas** revealed moderate, heterogenous pancreatic changes in the right limb measuring 1.5 cm with reactive surrounding mesentery.

BREED

ULTRASONOGRAPHIC FINDINGS

Basset

Pancreatitis.

SEX

Inflammatory hepatopathy combination.

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

IV fluid support, broad spectrum antibiotics, Leptospirosis titers, FNA of the hypoechoic portion of the pancreas and liver would be ideal for further definition. There was no obvious evidence of neoplasia, yet this cannot be completely ruled out.

9 years

WEIGHT

60 lbs

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Eric Lindquist, DMV
DABVP, Cert. IVUS

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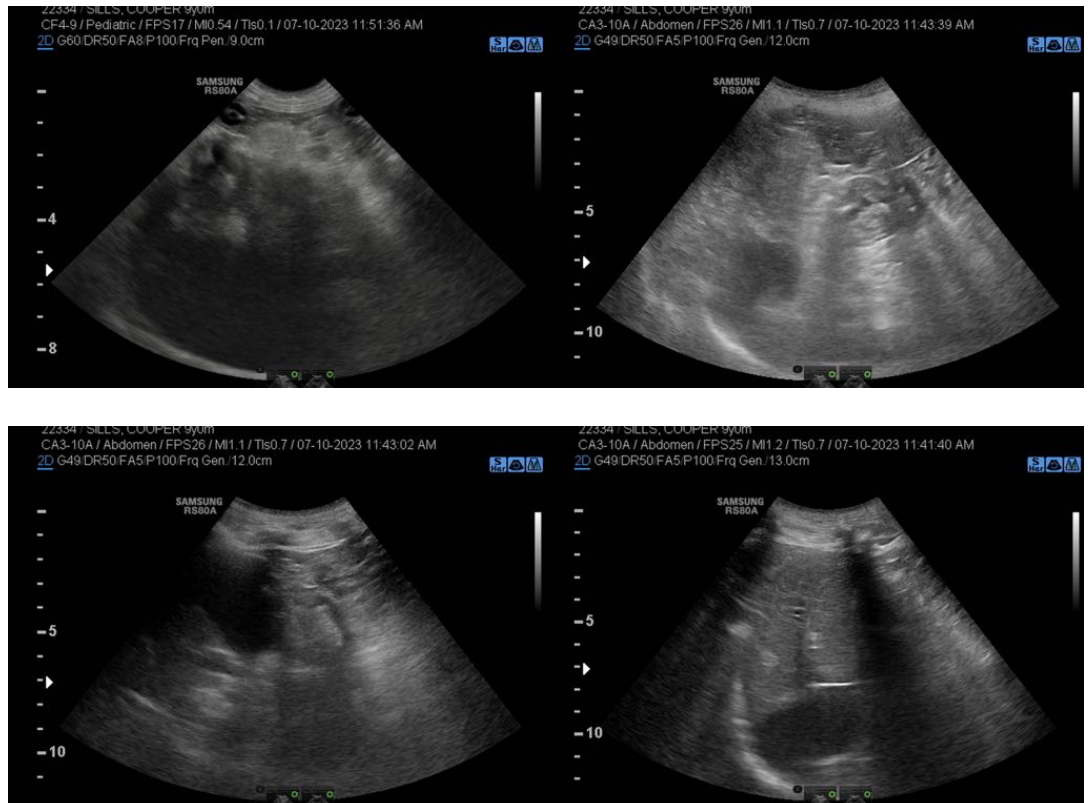
Dr. Mack

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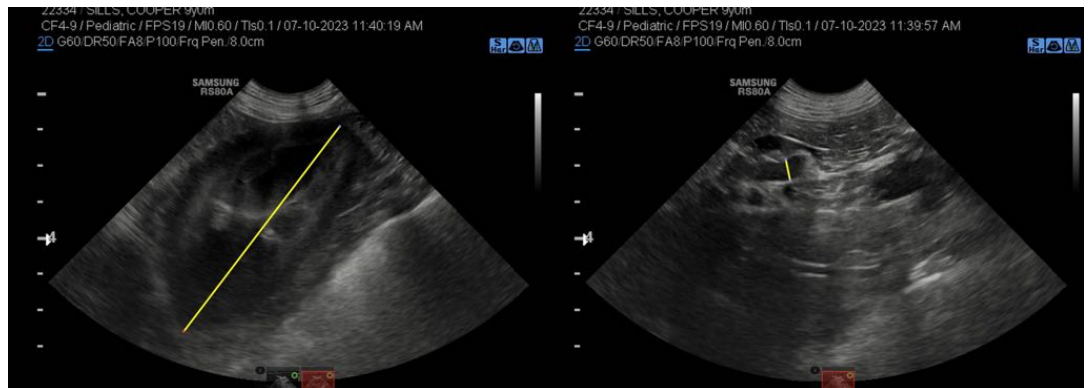
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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