



PATIENT

Buddy Wetzel

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Neutered male

AGE

10 ½ years

WEIGHT

28.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

**IMAGING
PERFORMED BY**

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. DiNello-Schleicher

INVOICE

32772

DATE

9/7/22

PRESENTING CLINICAL SIGNS

History: Annual BW 4/21/22 showed elevated ALKP and low USG, subsequent AC/TH stim test was normal, liver supplements started, bloodwork recheck on 8/23/22 showed ALKP further elevated and now ALT mildly elevated. Current meds: Denamarin/Denamarin Adv/Milk Thistle (depending on availability) started 5/22

Abnormal PE/Chem/CBC/UA Results: 8/23 ALT 178, ALKP 1612... 4/22 ALKP 1241, ALT 105(normal), USG 1.007, Stim normal

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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.

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 right kidney measured 5.5 cm. The left kidney measured 6.02 cm.

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 1.57 x 0.41 cm. The right adrenal gland measured 1.43 x 0.72 cm.

Spleen

The **spleen** revealed a focal, expansive, hypoechoic 1.54 cm nodule that deviated the splenic capsule with a hyperechoic lipogranulomatous nodule. The nodule is subjectively benign and measured 0.7 cm.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. Slight gallbladder calculus was noted and measured 0.6 cm. Gallbladder sand was noted.



PATIENT

Gastrointestinal

Buddy Wetzel

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.

SPECIES

Canine

BREED

Cocker Spaniel

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

10 ½ years

Gallbladder calculus, minor amount of gallbladder sand.

Benign hepatopathy.

WEIGHT

28.5 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the splenic nodule is warranted even though this is a small lesion it is my most concerning. The cause of hyposthenuria is unclear. Partial water deprivation test is warranted to assess the ability to concentrate. Ursodiol therapy can be considered from a medical management. This may assist in dissolving gallbladder calculus. However, this is highly variable in treatment effectiveness patient to patient.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. DiNello-Schleicher



INVOICE

32772

DATE

9/7/22



PATIENT

Buddy Wetzel

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Neutered male

AGE

10 ½ years

WEIGHT

28.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

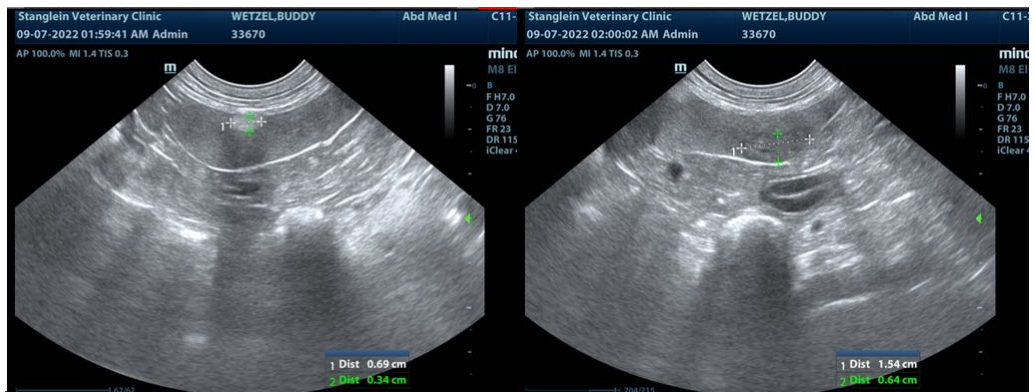
Dr. DiNello-Schleicher

INVOICE

32772

DATE

9/7/22





PATIENT

Buddy Wetzel

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.

SPECIES

Canine

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.

BREED

Cocker Spaniel

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

SEX

Neutered male

AGE

10 ½ years

WEIGHT

28.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. DiNello-Schleicher

INVOICE

32772

DATE

9/7/22