



PATIENT

Libby Hoover

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13 years

WEIGHT

8.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Wes Spangler

HOSPITAL NAME

TotalBond VH Paw
Creek

REFERRING VET

Dr. Boliek

INVOICE

77662

DATE

5/18/26

PRESENTING CLINICAL SIGNS

History: 13yo FS Chihuahua with 1.5lbs weight loss over the last year, chronic intermittent diarrhea during the same time frame. History from the visit on 5/16 states: Health concerns: o states pt goes through periods of intestinal issues, always happened but more frequent now. app goes off and on, will go days without eating, has diarrhea during these periods too. occ vomits too.

currently not having vomit but having diarrhea and not eating well currently. o has offered chicken and rice but not wanting to eat that currently. this current flare started yesterday. o mentioned pt will go 3 days without eating anything, even chicken and rice.

Abnormal PE/Chem/CBC/UA Results: CBC, chem, UA submitted today as well, results pending

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.4 cm. The right kidney measured 3.25 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 right adrenal gland measured 0.41 cm at the caudal pole and 0.8 cm at the cranial pole. The left adrenal gland measured 0.34 cm at the caudal pole and 0.3 cm at the cranial pole.

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 was noted.



PATIENT

Libby Hoover

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13 years

WEIGHT

8.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Wes Spangler

HOSPITAL NAME

TotalBond VH Paw
Creek

REFERRING VET

Dr. Boliek

INVOICE

77662

DATE

5/18/26

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **gastrointestinal tract** revealed minor, increased submucosal echogenicity and thickness with retained curvilinear patterns. There was mild mucosal remodeling. There was minor retention of ingesta. There was soft stool noted in the colon.

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

Mild chronic IBD changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of gross pathology. GI Protectant protocol is indicated as well as hydrolyzed canned b.i.d. feedings can be considered. Endoscopy or full thickness GI biopsies are warranted if clinical signs persist. Parasite management is indicated if not already performed.

Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.



PATIENT

Libby Hoover

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

13 years

WEIGHT

8.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Wes Spangler

HOSPITAL NAME

TotalBond VH Paw
Creek

REFERRING VET

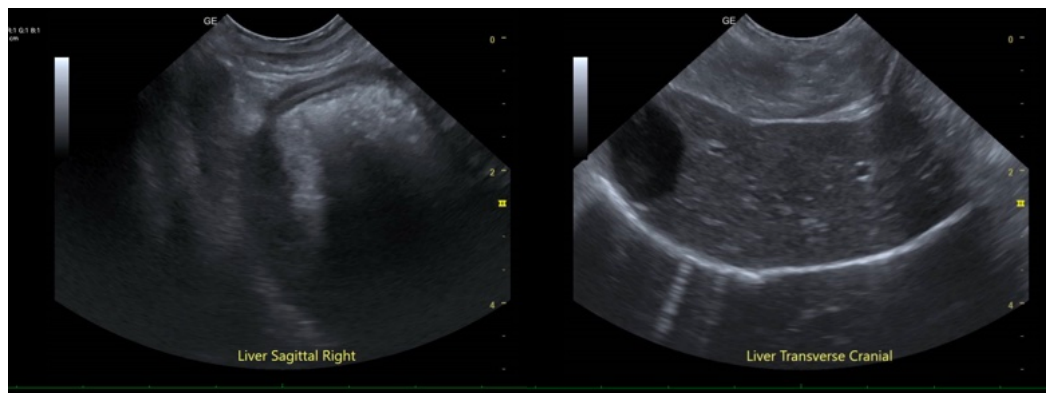
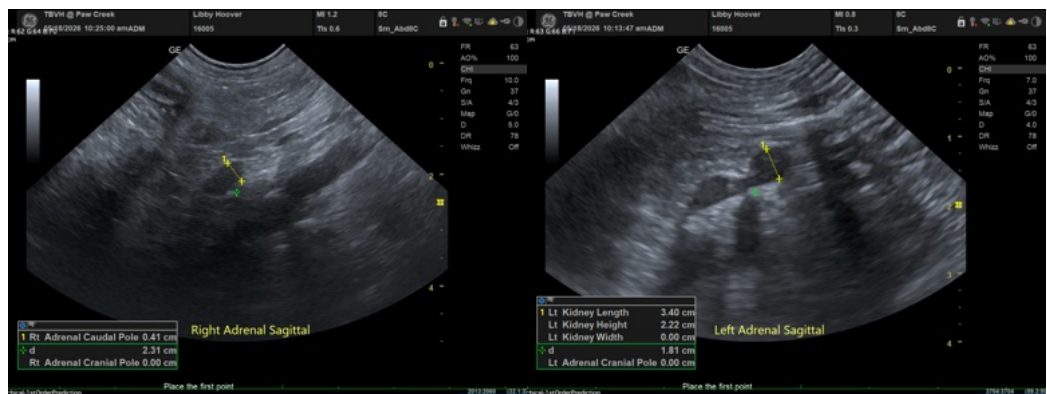
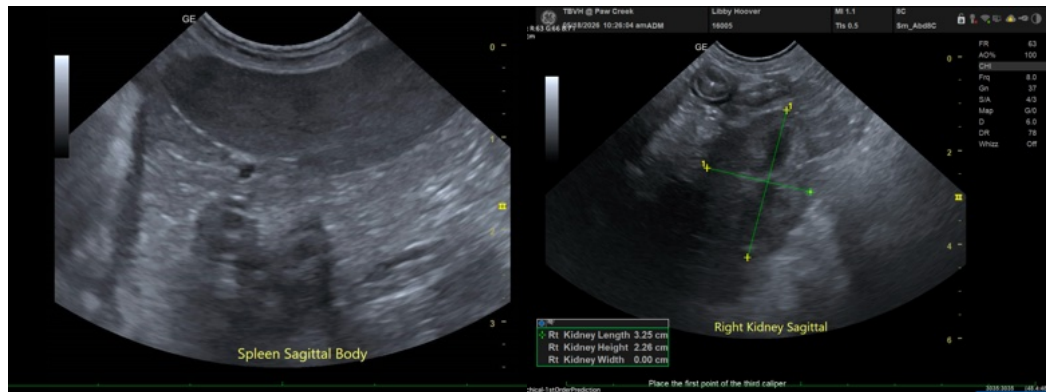
Dr. Boliek

INVOICE

77662

DATE

5/18/26





PATIENT

Libby Hoover

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

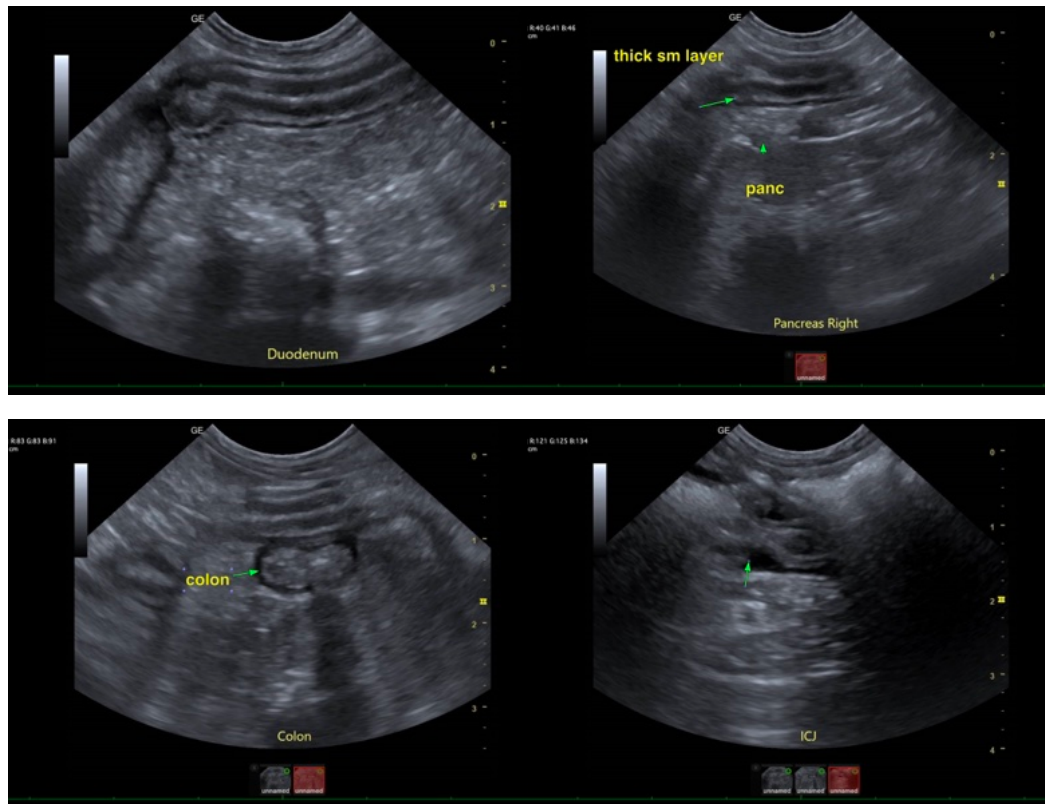
13 years

WEIGHT

8.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Wes Spangler

HOSPITAL NAME

TotalBond VH Paw
Creek

REFERRING VET

Dr. Boliek

INVOICE

77662

DATE

5/18/26

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com