



PATIENT

Turdle (Hank)
Sterzenbach

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

6 Years 4 Months

WEIGHT

40 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Mack

INVOICE

16489

DATE

7/6/22

PRESENTING CLINICAL SIGNS

History: Patient presented for dental with possible extractions. Bloodwork showed elevated ALKP today. Previous dental in December of 2020 ALT was elevated and ALKP was normal. Performed ultrasound today to rule out any abnormalities in liver or other organs

Abnormal PE/Chem/CBC/UA Results: December 2020: ALT 324U/L July 6, 2022: ALKP 363 U/L, AMYL 484 U/L, LIPA 1861 U/L -CBC was normal

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 **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 5.0 cm. The right kidney measured 5.0 cm.

Adrenal Glands

The **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 0.4 cm. The right adrenal gland measured 0.6 cm.

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. Cranial folding of the spleen was noted.

Liver

The **liver** revealed increased portal markings. Double layered edematous gallbladder present.

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 infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas



PATIENT

Turdle (Hank)
Sterzenbach

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

6 Years 4 Months

WEIGHT

40 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Mack

INVOICE

16489

DATE

7/6/22

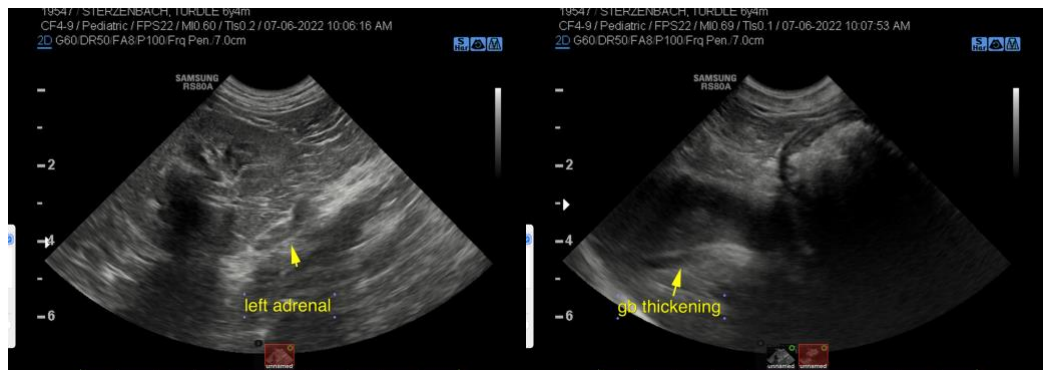
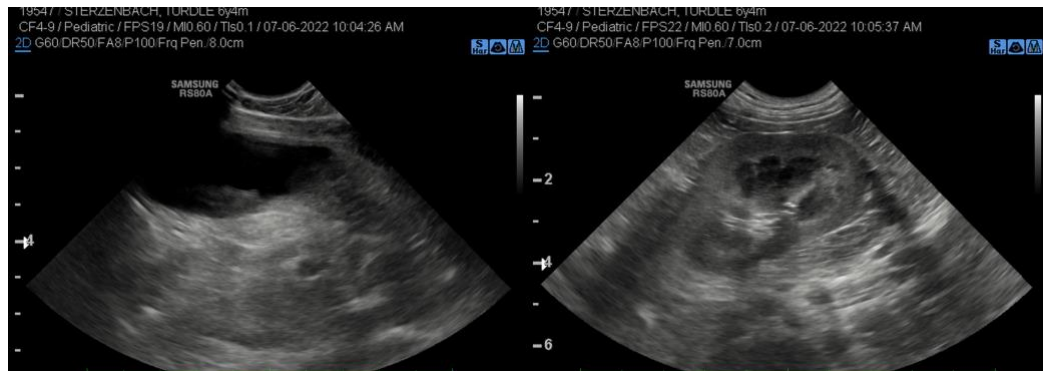
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific cholangitis/cholangiohepatitis liver pattern
- Splenic fold

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hepatic FNA indicated. Leptospirosis titers warranted. Ampicillin, metronidazole, nutraceuticals and IV fluid support recommended. Cholecystocentesis could also be considered with culture for definition. No evidence or suspicion of neoplasia.



The information and recommendations provided are based on the images presented by the



PATIENT

Turdle (Hank)
Sterzenbach

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

6 Years 4 Months

WEIGHT

40 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Mack

INVOICE

16489

DATE

7/6/22

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