



PATIENT

Ice Henning

SPECIES

Canine

BREED

Labrador

SEX

Spayed Female

AGE

9 years

WEIGHT

100 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Mohney

INVOICE

31157

DATE

6/21/22

PRESENTING CLINICAL SIGNS

History: Referral from another clinic for an abdominal ultrasound. Panting more frequently, drinking a lot. Pendulous abdomen on PE.
Abnormal PE/Chem/CBC/UA Results: CBC: slight neutrophilia 13k, all else wnl Chem: ALP 217, all else wnl Abdominal rad: mass effect vs enlarged spleen vs large liver, otherwise wnl

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 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 7.41 cm.

Adrenal Glands

The left **adrenal gland** was large and uniform measuring 1.0 cm in maximum width. The right adrenal gland measured 0.91 cm at the cranial pole and 0.7 cm at the caudal pole with minor heterogenous changes. A hyperechoic nodule was noted 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.

Liver

The **liver** revealed a hyperechoic 1.6 cm nodule in the left cranial liver. The nodule was non-disruptive. Generalized mild hepatomegaly was noted. The hepatic veins were slightly dilated. The gallbladder revealed a minor amount of debris.

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



PATIENT

Ice Henning

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

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.

BREED

Labrador

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

Left cranial liver nodule, likely lipogranuloma or benign nodule.

Minor passive congestion liver pattern with subjectively benign hepatic changes.

AGE

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

100 lbs

There is a minor potential for carcinoma. FNA of the liver is indicated. Given the panting in this patient, pendulous abdomen and heterogenous adrenal glands I recommend blood pressure measurement and echocardiogram to assess for cause of passive congestion. Emerging PDH is a potential if urine specific gravity is less than 1.020. Otherwise, the abdominal organs appear to be fairly benign. Orthopedic pain should be considered as a complicating factor given the clinical history.

INTERPRETED BY

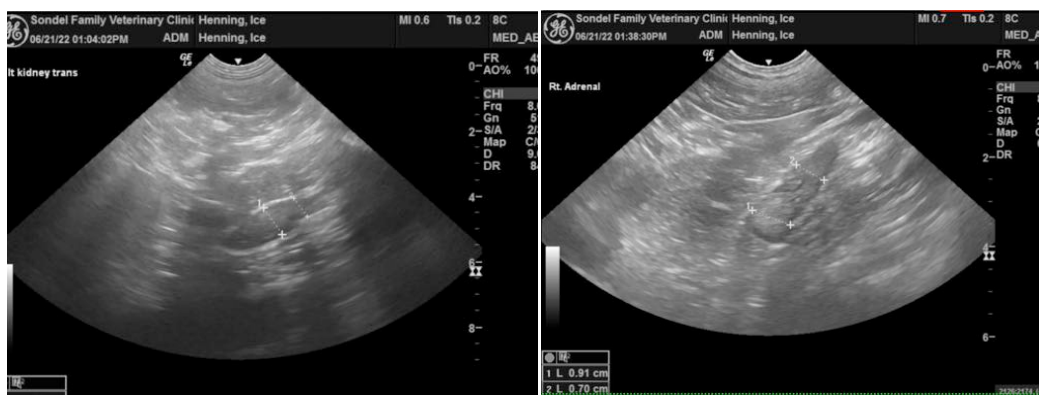
Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC



REFERRING VET

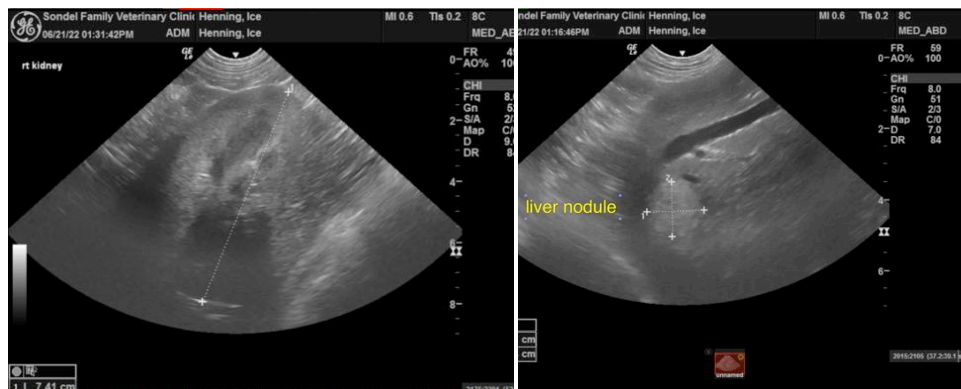
Dr. Mohney

INVOICE

31157

DATE

6/21/22





PATIENT

Ice Henning

SPECIES

Canine

BREED

Labrador

SEX

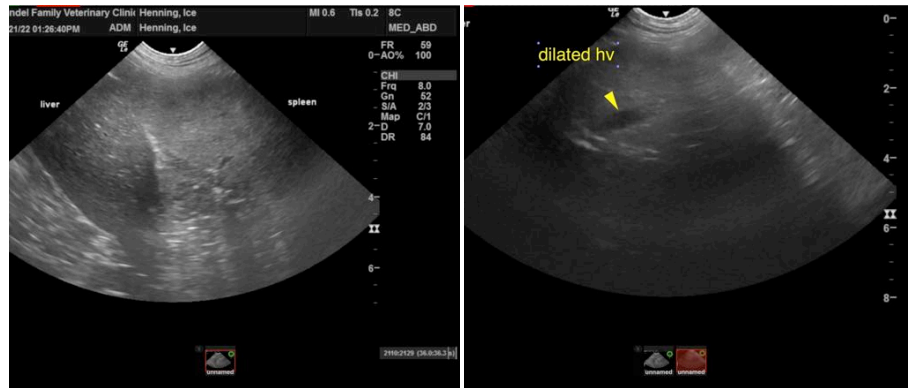
Spayed Female

AGE

9 years

WEIGHT

100 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brian Klug

HOSPITAL NAME

Sondel Family VC

REFERRING VET

Dr. Mohney

INVOICE

31157

DATE

6/21/22

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