



PATIENT

Winston Parenti

PRESENTING CLINICAL SIGNS

History: Increasingly elevated liver/gallbladder values.... currently on Denamarin
Abnormal PE/Chem/CBC/UA Results: ALT 201, ALP 888, GGT 44

SPECIES

Canine

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.

BREED

Poodle

SEX

Neutered male

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 7.02 cm.

AGE

12 years

WEIGHT

56.2 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 2.1 x 0.68 cm. The right adrenal gland measured 2.58 x 0.7 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed an isoechoic to hypoechoic nodule that was expansive in the mid to splenic body and measured 2.4 x 2.1 cm. The spleen itself revealed micronodular changes.

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

Liver

The **liver** revealed coarse architecture with increased portal markings. Isoechoic to slightly hyperechoic nodule was noted in the left cranial liver and measured 2.9 x 2.47 cm. Other hypoechoic nodules were noted in addition to the left cranial liver nodule. The liver was mildly swollen and heterogenous. An overt mixed echogenic mass was noted with regional inflammation. The mass measured approximately 6.0 cm and was in the right cranial liver. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

REFERRING VET

Dr. Hoffman

INVOICE

43251

Gastrointestinal

DATE

3/13/23

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

Winston Parenti

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

Poodle

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered male

Hepatic neoplastic pattern with potential splenic involvement, does not appear resectable.

AGE

12 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

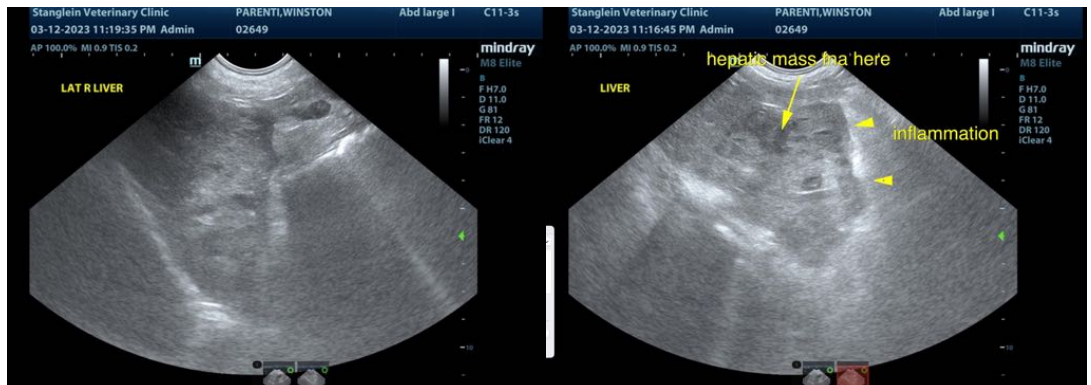
FNA of the liver and spleen is recommended. Round cell neoplasia, hemangiosarcoma and carcinoma are the primary concerns. There is a minor potential for non-neoplastic granulomatous disease. Sampling is essential. Chest radiographs are warranted to assess for comorbidities.

WEIGHT

56.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS



IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC



REFERRING VET

Dr. Hoffman

INVOICE

43251

DATE

3/13/23



PATIENT

Winston Parenti

SPECIES

Canine

BREED

Poodle

SEX

Neutered male

AGE

12 years

WEIGHT

56.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Hoffman

INVOICE

43251

DATE

3/13/23



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