



PATIENT

Henry Knotowicz

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

11 years

WEIGHT

79 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Golden

INVOICE

15571

DATE

11/23/22

PRESENTING CLINICAL SIGNS

Elevated LE. Was on Rimadyl when ALP elevated noted, and switched to Galliprant. ALP elevation hasn't changed.

Abnormal PE/Chem/CBC/UA Results: Elevated ALKP 11/16/22 - 384 (23-212) 9/23/22 - 249 Normal urine cortisol/creat ratio (27).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The area of the residual prostate was free of pathology.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Pinpoint areas of medullary mineral were noted in both kidneys. The left kidney measured 6.7 cm in length. The right kidney measured 6.4 cm in length.

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without evidence of neoplastic criteria. The left adrenal gland measured 2.7 cm length x 0.56 cm width at the caudal pole. The right adrenal gland measured 3.2 cm length x 0.77 cm width at the caudal pole.

Spleen

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease.

Liver/ Gallbladder

The liver was mildly enlarged in size with normal structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



PATIENT

Gastrointestinal

Henry Knotowicz

The stomach presented intact wall layering with a normal wall layer ratio. Mild focally shadowing ingesta was present. No evidence of gastric distention was noted.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

BREED

Golden Retriever

Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

MN

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

AGE

11 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

79 lbs.

ULTRASONOGRAPHIC FINDINGS

- Benign hepatopathy exhibiting parenchymal remodeling
- Sonographically normal gallbladder
- Mild chronic renal changes
- Normal spleen

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Largely geriatric abdomen without evidence of significant visceral pathology.

IMAGING PERFORMED BY

Dr. Ebersole

Although nonspecific, probable benign vacuolar hepatopathy pattern with potential for discrete nodular hyperplasia, hematopoiesis, or inflammatory hepatopathy (considered a less likely differential diagnosis), with no evidence of hepatobiliary neoplasia. Hepatosupportive medications including Denamarin may prove beneficial.

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Golden

INVOICE

15571

DATE

11/23/22





PATIENT

Henry Knotowicz

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

11 years

WEIGHT

79 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

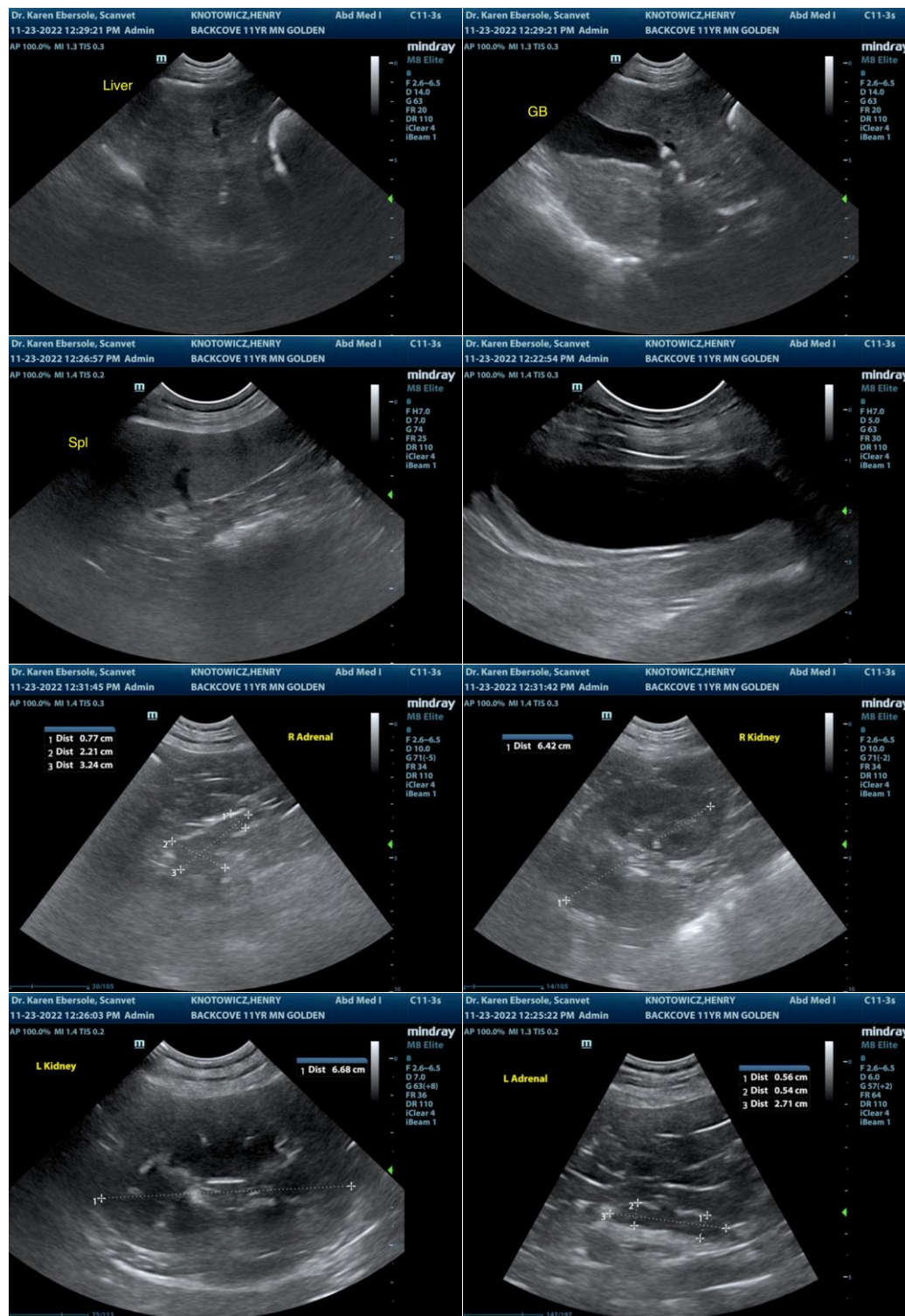
Dr. Golden

INVOICE

15571

DATE

11/23/22



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.



PATIENT

Henry Knotowicz

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.

SPECIES

Canine

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

BREED

Golden Retriever

SEX

MN

AGE

11 years

WEIGHT

79 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Golden

INVOICE

15571

DATE

11/23/22