

PATIENT PRESENTING CLINICAL SIGNS

Guido Monticello Routine bloodwork for geriatric exam: ALP 165; GGTP 16; trace protein; microalbuminuria 4.2

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 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 were noted.

BREED

Chihuahua

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture. The prostate measured 0.64 cm diameter.

SEX

Neutered Male

Normal size and margination was 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 associated with early age related renal changes. The right kidney measured 4.1 cm. The left kidney measured 4.0 cm with scant pyelectasia noted.

AGE

7 Years

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. No evidence of hyperplasia or tumors. The right adrenal gland measured 0.37 cm at the cranial pole and 0.38 cm at the caudal pole.

WEIGHT

12.2 Pounds

Spleen

INTERPRETED BY

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

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Liver

The liver exhibited subjective subtle to minor generalized enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild, echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

HOSPITAL NAME

VCA Palmer AH

Gastrointestinal

REFERRING VET

Dr. Michelle Haroules

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

INVOICE

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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.

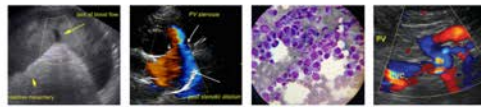
Normal visible colon wall layers were present with apparent formed feces in lumen.

DATE

8/30/21

Pancreas

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 was evident.



PATIENT *Free Abdomen*

Guido Monticello No overt lymphadenopathy or peritoneal effusion was present.

SPECIES

Canine

- Benign low-grade hepatopathy
- Minor gallbladder debris
- Early minor age related kidneys with scant left kidney pyelectasia

BREED

Chihuahua

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall appearance of the liver was consistent with benign hepatopathy. Considerations may include low-grade vacuolar hepatopathy or benign clinical cholestasis given the minor ALP/GGT elevation and presence of minor gallbladder debris. Hepatosupportive medications including Ursodiol may be considered, although monitoring of the ALP and GGT levels and this stage would also be appropriate.

SEX

Neutered Male

The scant left kidney pyelectasia is non-specific and likely incidental, potentially owing to early chronic renal changes and possible minor pelvic scarring. Baseline renal staging to include urine culture and sensitivity and UPC may be considered if clinically indicated. Recheck sonogram with potential for hepatic FNA suggested if increasing ALP levels or cholestasis noted.

AGE

7 Years

WEIGHT

12.2 Pounds

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 DABVP (Canine and Feline)

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HOSPITAL NAME

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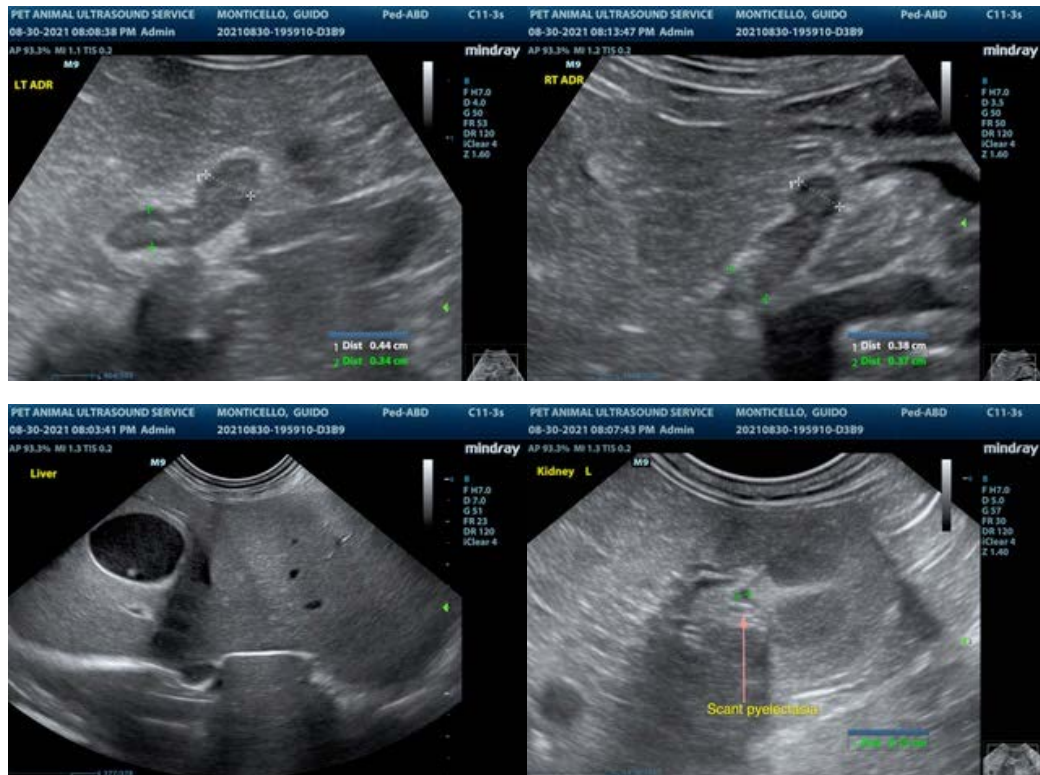
Dr. Michelle Haroules

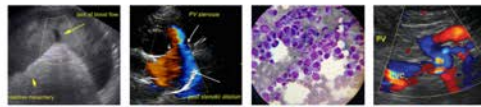
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PATIENT

Guido Monticello

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

7 Years

WEIGHT

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

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