



PATIENT

Joeyanna Pietkiewicz

PRESENTING CLINICAL SIGNS

Borderline cushingoid, 1/6 murmur.

Medication: HMR Lignans, Pepcid, Melatonin

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Miniature Dachsund

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

SEX

MN

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.88 cm in diameter.

AGE

2009

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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Intermittent minor cortical cysts were present in both kidneys. Pinpoint medullary mineral was noted in both kidneys. The left kidney measured 4.3 cm in length. The right kidney measured 4.4 cm in length.

WEIGHT

16.5

INTERPRETED BY

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

Adrenal Glands

The bilateral adrenal glands were normal in size, based on caudal pole width measurement in light of body weight. Mild parenchyma heterogeneity and mild capsule asymmetry were present without suspicion for overt neoplasia. No adrenal tumors were noted. The left adrenal gland measured 2.3 cm length x 0.43 cm width at the caudal pole. The right adrenal gland measured 2.6 cm length x 0.36 cm width at the caudal pole.

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Spleen

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.

HOSPITAL NAME

Maple Hills VH

REFERRING VET

Dr. Banzhof

Liver/ Gallbladder

The liver was enlarged in size with rounded yet symmetrical capsule contour exhibiting generalized mild nonhomogeneous parenchyma exhibiting subtle nondisruptive hypoechoic intraparenchymal nodules. An example of a hepatic nodule measured 1.3 cm in diameter. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

16164

DATE

2/14/23



PATIENT

Gastrointestinal

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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.

SPECIES

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.

Canine

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

BREED

Pancreas

Miniature Dachsund

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, consistent with age-related pancreatic changes and incidental. No signs of active pancreatitis or neoplasia.

SEX

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Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal free fluid were noted.

AGE

2009

ULTRASONOGRAPHIC FINDINGS

WEIGHT

16.5

- Static hepatopathy exhibiting intermittent subtle nondisruptive intraparenchymal nodules - benign
- Static mild chronic renal changes with intermittent small cortical cysts
- Normal bilateral adrenal size - no evidence of adrenomegaly or tumors
- Heterogeneous pancreas - benign

INTERPRETED BY

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, static hepatic and intraabdominal presentation compared to the previous study without evidence of progressive pathology or intraabdominal neoplastic criteria.

IMAGING

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Given the ALT/AST elevation, screening hepatic FNA cytology, assuming normal clotting status, could be considered primarily to assess for the presence of inflammatory cells. Empirical hepatosupportive medications in addition to current supplements i.e., Denamarin +/- Ursodiol, due to its antioxidant and immunomodulatory effects within the liver, could be considered.

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For an additional charge, internal medicine consult can be utilized through Sonopath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

REFERRING VET

Dr. Banzhof

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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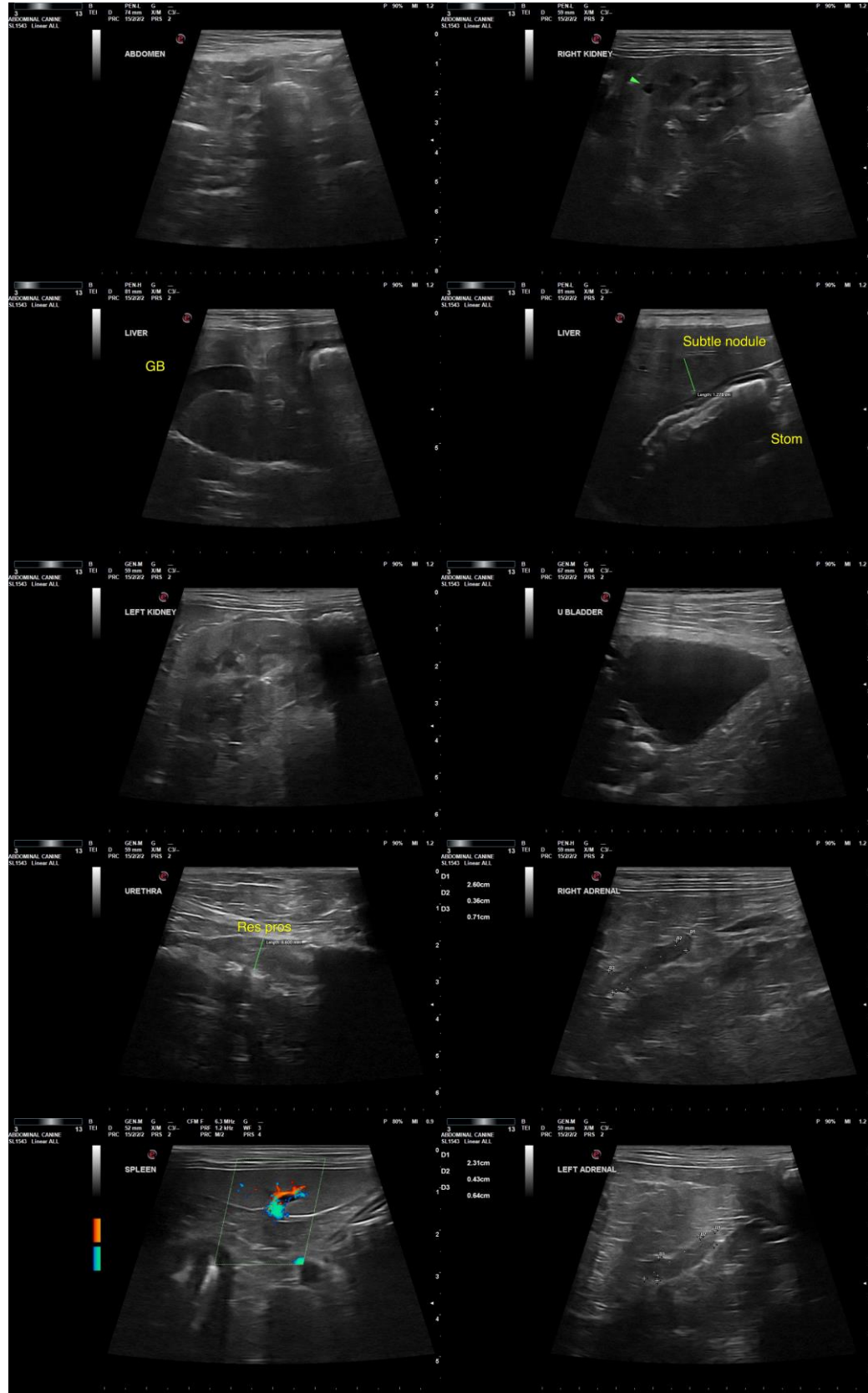
Dr. Banzhof

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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.

BREED

Miniature Dachsund

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.

SEX

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

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