



PATIENT PRESENTING CLINICAL SIGNS

Rupert Ringholm History: Pre op for tumor removal

SPECIES Medication: Glucosamine, Trazodone

Canine CBC- HCT 47.2, WBC 61K with neutrophilia, marked lymphocytosis, and monocytosis

Chem- SDMA 16, otherwise unremarkable, 4DX-Negative

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Pitbull **Urinary System**

SEX The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 5.0 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.

Neutered Male

AGE The area of the residual prostate was free of pathology.

9 years The area of the aortic trifurcation was free of pathology.

WEIGHT 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. The left kidney measured 7.3 cm in length. The right kidney measured 6.9 cm in length.

77 Pounds

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.3 cm length x 0.85 cm width at the caudal pole. The right adrenal gland was indistinctly visualized owing to patient conformation, yet without overt pathology subjectively measuring 3.1 cm length x 0.7 cm width at the caudal pole.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Spleen

The spleen exhibited generalized enlargement yet primarily maintained symmetrical capsule contour. Generalized mild parenchymal heterogeneity with intermittent, variably sized yet subtle, non-expansive, hypoechoic parenchymal nodules were present. An example of a splenic nodule measured 1.4 cm in diameter. Normal splenic vascularity was noted.

HOSPITAL NAME

Stanglin VC

REFERRING VET

Dr. Rothrock

Liver/ Gallbladder

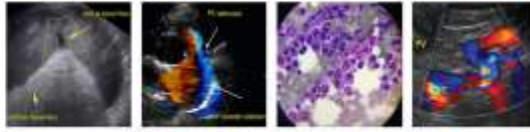
The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

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PATIENT

Gastrointestinal

Rupert Ringholm

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate, echogenic, nonshadowing ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. The gastric body wall width measured 0.42 cm.

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. The duodenum wall width measured 0.65 cm. The jejunum wall width measured 0.46 cm.

BREED

Pitbull

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

SEX

Pancreas

Neutered Male

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

Free Abdomen

9 years

No omental masses, lymphadenopathy or peritoneal effusion was present.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

77 Pounds

Primary Findings

INTERPRETED BY

- Splenomegaly with parenchymal heterogeneity including intermittent, subtly hypoechoic, non-expansive parenchymal nodules
- Gastric ingesta
- Mild age-related kidneys

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Rebekah Jakum, CVT
ARDMS/RVT

The splenomegaly and associated parenchymal changes are nonspecific with considerations including patient variant, hyperplasia, hematopoiesis, splenitis, infection, given the elevated WBC count, or potential neoplasia. Assuming normal clotting status, splenic FNA using a 25-gauge needle is warranted for screening cytology.

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Further assessment, given the CBC abnormalities, may include; CBC pathology review, flow cytometry given the significant lymphocytosis, +/- Babesia testing, given the breed or if clinically indicated.

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SPECIES

Canine

BREED

Pitbull

SEX

Neutered Male

AGE

9 years

WEIGHT

77 Pounds

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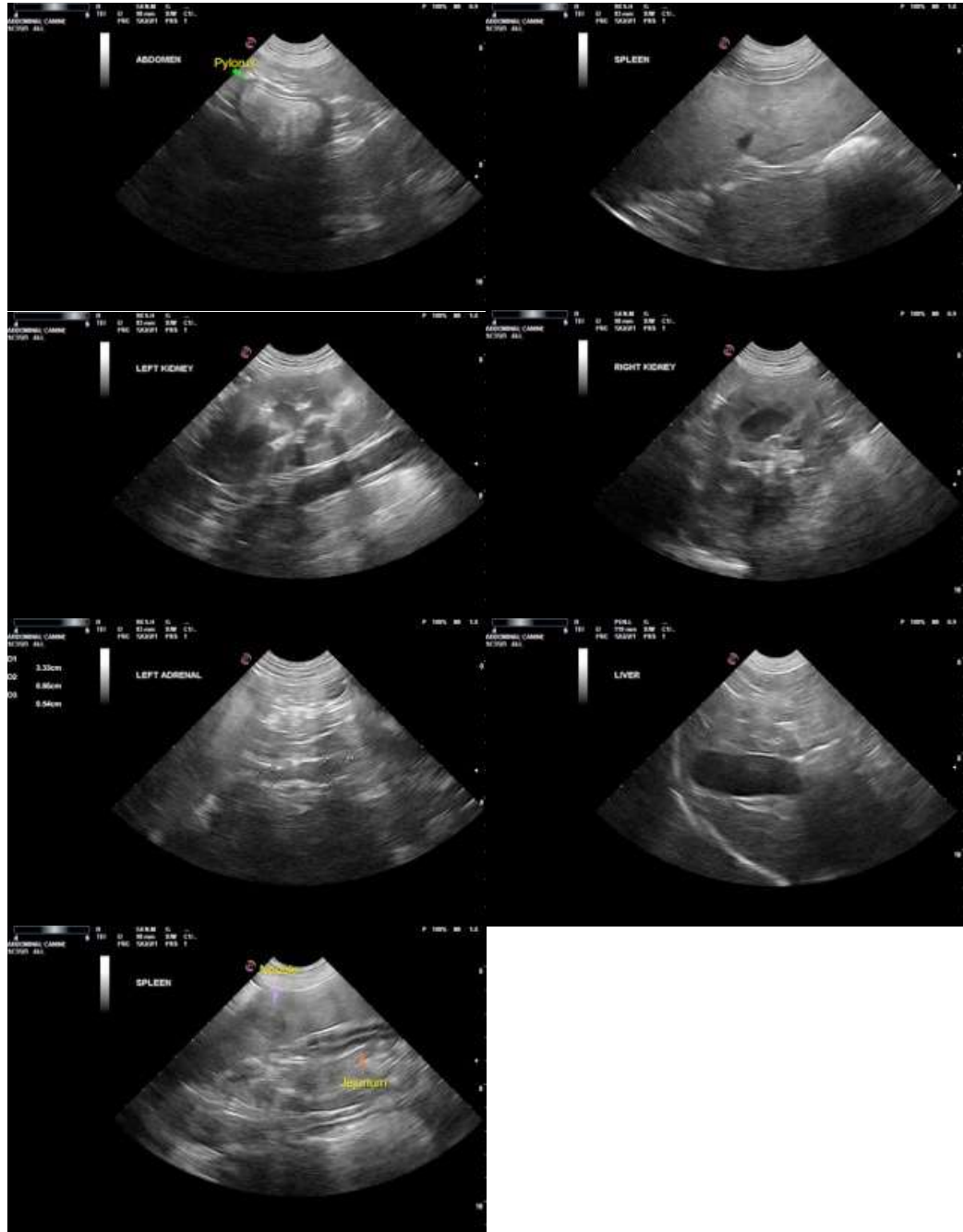
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



PATIENT

Rupert Ringholm

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SPECIES

Canine

BREED

Pitbull

SEX

Neutered Male

AGE

9 years

WEIGHT

77 Pounds

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