



PATIENT PRESENTING CLINICAL SIGNS

Jasper Lotti Several months of intermittent stranguria, hematuria.
Medication: Baytril

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The urinary bladder was subnormal in size owing to a lack of urine distention which prohibited full evaluation of the urinary bladder walls. Subjective thickened urinary bladder exhibiting mild asymmetrical luminal surface contour and mild lumen vs. mural mineralization was present. The urinary bladder wall measured 0.8 cm width.

SEX The prostate gland was enlarged in size yet maintained capsule integrity with asymmetrical capsule contour. Nonhomogeneous, hypoechoic prostate parenchyma with multiple areas of prostatic parenchymal mineralization were noted. The prostate measured 2.7 cm diameter.

AGE No evidence of medial Iliac or sublumbar lymphadenopathy/masses.

2013 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. Mild medullary mineral was noted. No pyelectasia was noted. The left kidney measured 5.4 cm in length. The right kidney measured 5.2 cm in length.

WEIGHT 31.6

INTERPRETED BY Adrenal Glands

R. McKenzie Daniel, DVM, DABVP (Canine and Feline) The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.4 cm length x 0.80 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.7 cm length x 0.59 cm width at the caudal pole.

IMAGING PERFORMED BY Spleen

Rebekah Jakum, CVT ARDMS/RVT The spleen exhibited normal size and contour with a primarily finely textured and homogenous parenchyma. A solitary, nondisruptive, well-demarcated, hypoechoic nodule was present in the mid-lateral spleen without associated capsule distortion measuring 0.95 cm diameter.

HOSPITAL NAME Liver/ Gallbladder

Blue Ridge VC 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.

REFERRING VET Gastrointestinal

Dr. Filchner 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

14856

DATE
8/17/23



PATIENT

Jasper Lotti

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.

SPECIES

Pancreas

Canine

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.

BREED

Beagle

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

- Nondistended yet subjective thickened urinary bladder exhibiting lumen vs. mural mineralization
- Enlarged nonhomogeneous hypoechoic mineralized prostate
- Mild chronic renal changes with mild medullary mineral
- Nonspecific nondisruptive splenic nodule - tend to trend benign, suspect incidental focal hyperplasia, hematopoiesis, or similar

AGE

2013

WEIGHT

31.6

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Although sampling is required for further clarification, the enlarged nonhomogeneous to mineralize prostate gland is consistent with neoplastic criteria. Strong concern for concurrent urinary bladder involvement with considerations including urothelial or prostatic carcinoma. Chronic inflammatory etiology i.e., prostatitis, cystitis, is considered less likely.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

Further assessment would include prostatic and urinary bladder sampling with potential for oncology consult. Three-view chest radiographs are suggested if not done. Sonographic monitoring of the splenic nodule for evidence of progression or additional splenic nodular changes is suggested. There is no overt evidence of regional medial iliac or sublumbar lymphatic metastasis.

HOSPITAL NAME

Blue Ridge VC

REFERRING VET

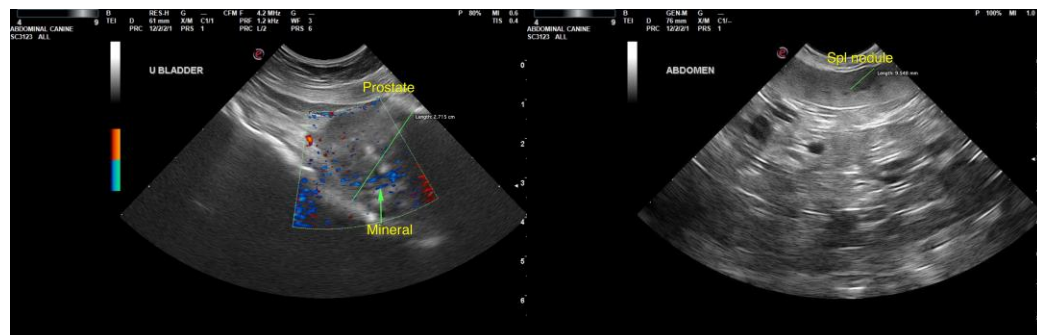
Dr. Filchner

INVOICE

14856

DATE

8/17/23





PATIENT

Jasper Lotti

SPECIES

Canine

BREED

Beagle

SEX

MN

AGE

2013

WEIGHT

31.6

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Blue Ridge VC

REFERRING VET

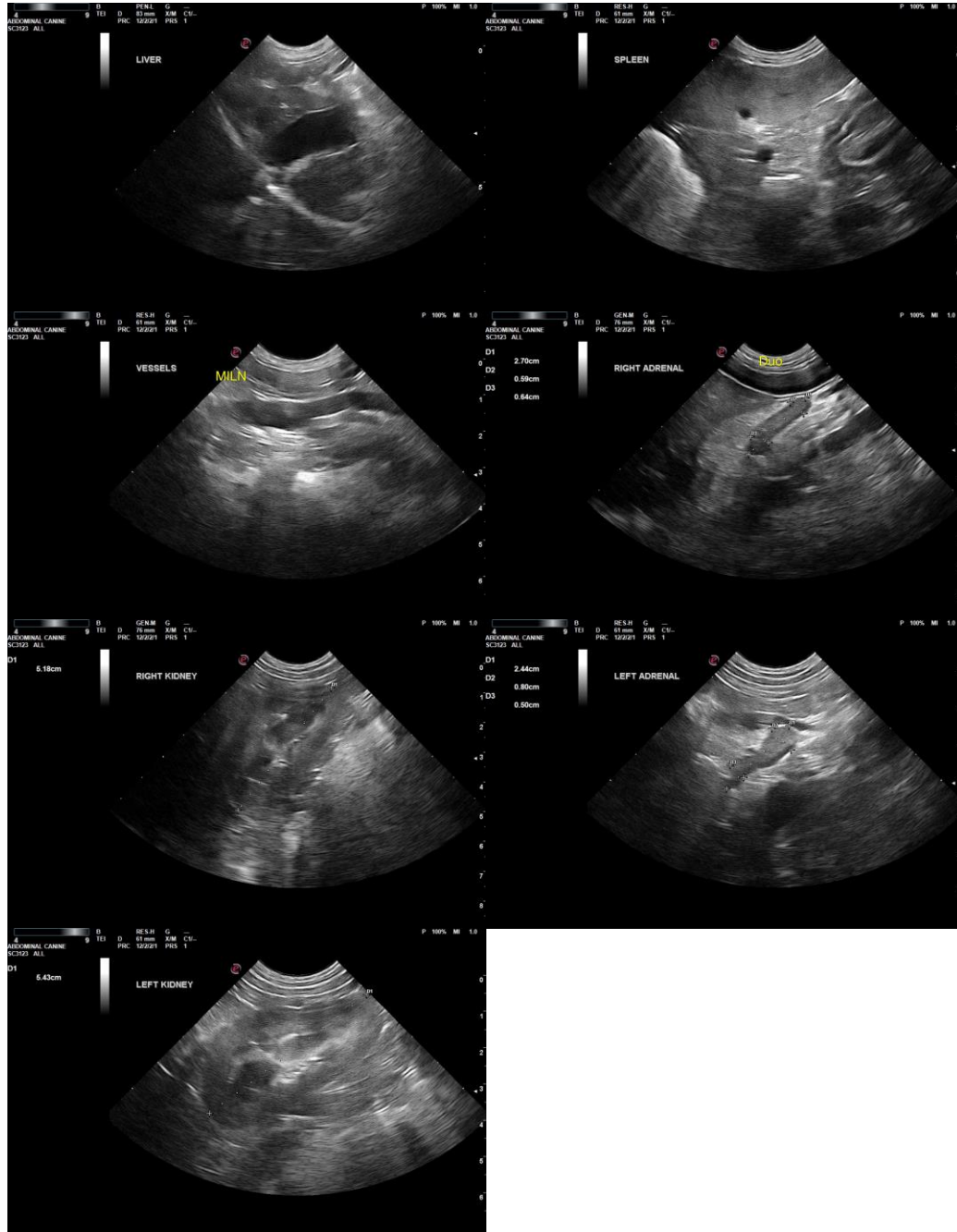
Dr. Filchner

INVOICE

14856

DATE

8/17/23



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.

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