



PATIENT

April Robinson

SPECIES

Canine

BREED

English Setter

SEX

Spayed Female

AGE

12 Years

WEIGHT

60.5 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Christa Williams
DVM, DABVP

HOSPITAL NAME

Caravan Vet

REFERRING VET

Dr. Christa Williams
DVM, DABVP

INVOICE

12374

DATE

11/20/25

PRESENTING CLINICAL SIGNS

US performed today to recheck a splenic mass first noted on US in August 2025 (Splenic FNA submitted through imagist at this time, report: "Scanned areas from 2 slides are evaluated. The preparation is highly cellular and adequately preserved on a background containing large amounts of blood. A mixed cell population is present. Many hematopoietic cells are observed including erythroid precursors and megakaryocytes as well as a prominent mixed lymphoid population dominated by small to intermediate lymphocytes and increased numbers of plasma cells. Increased amounts of coarse iron and hemosiderin are found admixed with splenic stromal. Crystalline, non to pale staining structures are occasionally found associated with erythrocyte breakdown pigment and spindle cells, (likely siderotic nodule). No infectious agents or overtly neoplastic cells are seen"). Splenic appearance on US in August : A mildly expansive isoechoic to non-homogenous mid splenic mass was present with associated splenic capsule distortion yet without evidence of capsular escape or rupture. The mass measured ~ 5 X 5.5 cm in diameter. Hematocrit recheck pending, but dog has been clinically stable at home.

Abnormal PE/Chem/CBC/UA Results: Recheck CBC pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder presented uniformly thickened urinary bladder wall isoechoic to the adjacent normal urinary bladder wall. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. Urinary bladder wall thickness measured 0.70 cm. Mineralization or echogenic foci within the thickened areas of urinary bladder wall was not present. The urinary bladder, trigone and cystourethral junction exhibited normal 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. Thickened proximal urethra to urethral mass exhibiting focal minor mural mineralization extending into the area of the cystourethral junction and to a depth of approximately 3.0 cm. The proximal urethral width measured 1.6 cm.

No evidence of medial iliac or sublumbar lymphadenopathy or masses.

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 expected for the age of the patient. Mild medullary mineral was present. The left kidney measured 7.2 cm in length. The right kidney measured 7.1 cm in length.

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.63 cm width. The right adrenal gland measured 0.69 cm width.

Spleen

Previously noted mildly progressive nonhomogenous to expansive splenic mass measuring approximately 6.0 cm in diameter was present with associated primarily symmetrical capsule distortion without evidence of capsular escape. The remainder of the spleen exhibited subjective mild



PATIENT

April Robinson

generalized enlargement with maintained homogenous parenchyma and symmetrical to rounded splenic capsule contour.

Liver

SPECIES

Canine

The liver revealed generalized irregular hepatomegaly with areas of mild caudal hepatic capsule asymmetrical contour and generalized heterogeneous parenchyma exhibiting multiple variably sized nonhomogenous hypoechoic to hyperechoic nodules. An example of nodules measured 1.8 cm to 1.9 cm in diameter.

BREED

English Setter

The gallbladder was non distended in size with mild nonorganized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

SEX

Spayed Female

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained variably echogenic, nonshadowing ingesta (consistent with food echogenicity) without signs of obstruction or foreign material.

AGE

12 Years

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.

WEIGHT

60.5 pounds

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

Pancreas

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

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.

Free Abdomen

No visualized significant omental lymphadenopathy, peritoneal effusion or hemoabdomen was present.

IMAGING PERFORMED BY

Dr. Christa Williams
DVM, DABVP

ULTRASONOGRAPHIC FINDINGS

HOSPITAL NAME

Caravan Vet

- Thickened urinary bladder and proximal urethra with proximal urethral mass lesion.
- Mild progressive splenic mass.
- Enlarged nonhomogenous nodular liver.
- Mild gallbladder debris (non-mucocele).
- Age-related renal changes.

REFERRING VET

Dr. Christa Williams
DVM, DABVP

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The thickened proximal urethra to urethral mass exhibits evidence of mural mineralization suggestive of neoplastic criteria i.e. transitional cell carcinoma in conjunction with splenic mass and hepatic nodular changes with high concern for multicentric potentially separate neoplastic processes. Screening BRAF assay and consideration for screening hepatic FNA cytology is recommended. Recheck three view chest radiographs are indicated if not recently done. Oncology and/or surgical consult could be considered.

INVOICE

12374

DATE

11/20/25



PATIENT

April Robinson

SPECIES

Canine

BREED

English Setter

SEX

Spayed Female

AGE

12 Years

WEIGHT

60.5 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Christa Williams
DVM, DABVP

HOSPITAL NAME

Caravan Vet

REFERRING VET

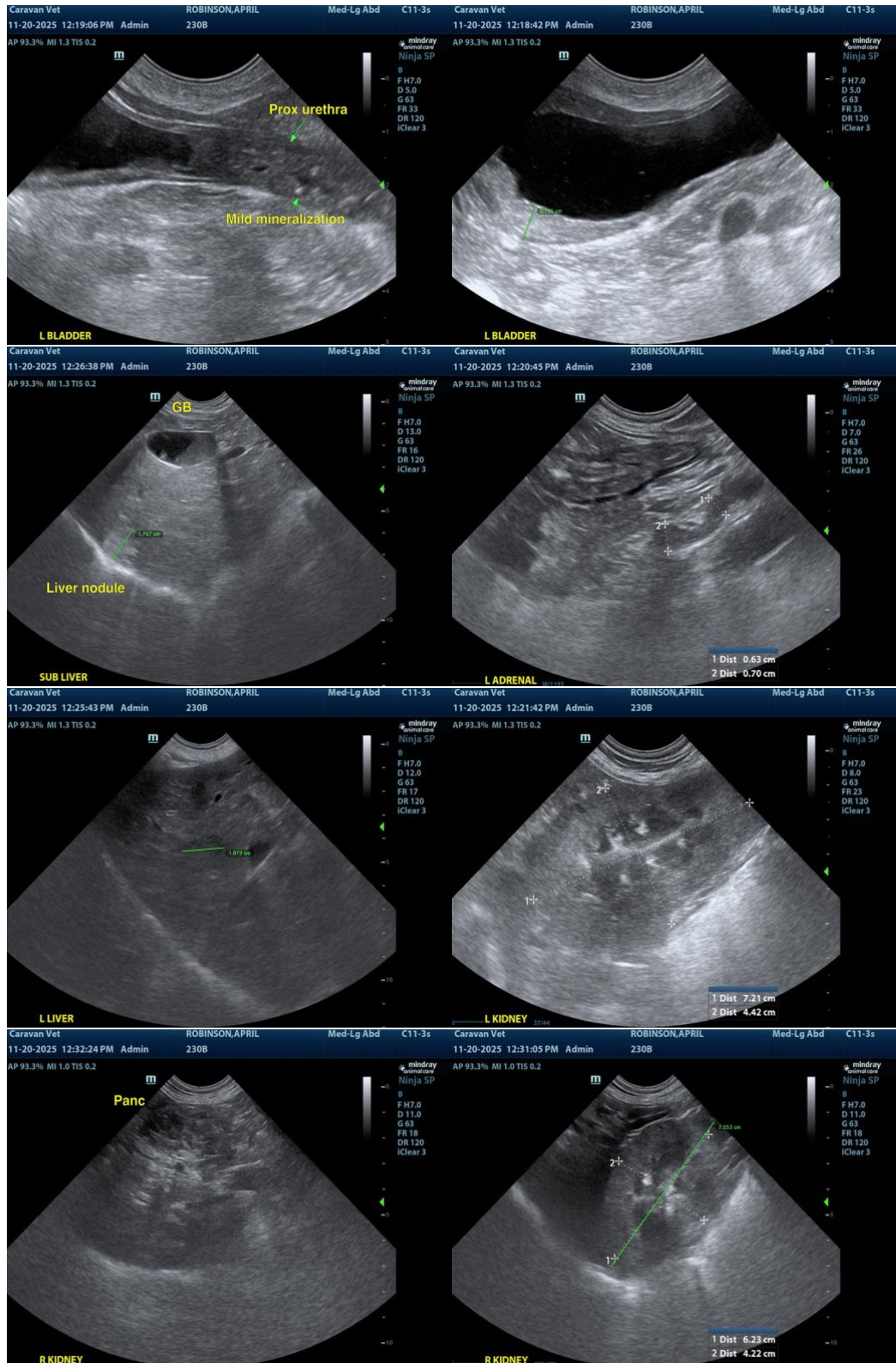
Dr. Christa Williams
DVM, DABVP

INVOICE

12374

DATE

11/20/25





PATIENT

April Robinson

SPECIES

Canine

BREED

English Setter

SEX

Spayed Female

AGE

12 Years

WEIGHT

60.5 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Christa Williams
DVM, DABVP

HOSPITAL NAME

Caravan Vet

REFERRING VET

Dr. Christa Williams
DVM, DABVP

INVOICE

12374

DATE

11/20/25



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