



PATIENT

Rogue McGowan

SPECIES

Canine

BREED

Brittany

SEX

Neutered Male

AGE

12 Years 8 Months

WEIGHT

23.9 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

IMAGING PERFORMED BY

Dr. Patti Mayfield
DVM

HOSPITAL NAME

Ridgeview Veterinary
Clinic

REFERRING VET

Dr. Caelli Edmonds
DVM

INVOICE

13466

DATE

01/29/26

PRESENTING CLINICAL SIGNS

- elevated liver enzymes

Abnormal PE/Chem/CBC/UA Results: Recent senior screen: - ALT: 475 (H) - ALP: 1369 (H) - SDMA: 7.4 (L) - USG: 1.038, inactive sediment - T4 wnl - CBC: wnl

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder presented uniformly thickened wall isoechoic to the adjacent normal urinary bladder wall primarily visualized the ventral apical urinary bladder. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. Urinary bladder wall thickness measured 0.66 cm. Mineralization or echogenic foci within the thickened areas of urinary bladder wall was not present. The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.

The area of the iliac trifurcation was free of pathology.

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. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm in length. The right kidney measured 6.4 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.67 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 0.52 cm width at the caudal pole.

Spleen

The spleen presented normal in size and contour with subtle heterogeneous splenic parenchyma. A solitary isoechoic nonhomogenous noncapsule deforming mid splenic nodule was present measuring 1.3 cm in diameter.

Liver & Gallbladder

The liver revealed generalized hepatomegaly. The liver parenchyma was mild / moderate nonuniform and hypoechoic to the spleen with a mild / moderate coarse echotexture and subjective moderate parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

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.

Gastrointestinal



PATIENT

Rogue McGowan

SPECIES

Canine

BREED

Brittany

SEX

Neutered Male

AGE

12 Years 8 Months

WEIGHT

23.9 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

IMAGING PERFORMED BY

Dr. Patti Mayfield
DVM

HOSPITAL NAME

Ridgeview Veterinary
Clinic

REFERRING VET

Dr. Caelli Edmonds
DVM

INVOICE

13466

DATE

01/29/26

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild progressively shadowing ingesta.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental nonshadowing ingesta was present.

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

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.

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- hepatopathy exhibiting nonhomogenous parenchyma.
- Nonorganized gallbladder debris (non-mucocele).
- Subtle nonhomogenous splenic nodule.
- Age-related renal changes.
- Normal adrenal glands.

Secondary Findings

- Gastrointestinal ingesta- consistent with food echogenicity.
- Mild cystitis pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the liver was nonspecific but most consistent with benign hepatopathy. Considerations for the liver may include benign vacuolar / cholestatic hepatopathy, inflammatory/infectious/immune mediated disease, hyperplasia, hematopoiesis, toxic hepatopathy (i.e. copper), other with neoplasia thought less likely. Ultrasound guided FNA of the liver using a 25-gauge needle and assuming normal coagulation parameters would be warranted for screening cytology. Hepatosupportive medications such as Denamarin or Vitamin E as well as Ursodiol due to its antioxidant and immunomodulatory effects within the liver would be warranted, although these medications may not result in decreased hepatic enzyme levels. Leptospirosis titers / PCR may be considered if clinically indicated. Core or surgical biopsy likely required for definitive diagnosis.

Potential etiologies for the splenic nodule may include benign processes such as nodular hyperplasia, extramedullary hematopoiesis, hematoma, infection, infarction, or neoplasia. Ultrasound guided FNA of the nodule using 25-gauge needle and assuming normal coagulation parameters may be considered. Otherwise, sonographic monitoring of the splenic nodule for any changes in size or appearance with initial recheck in 3-4 weeks would be a more conservative approach.



PATIENT

Rogue McGowan

SPECIES

Canine

BREED

Brittany

SEX

Neutered Male

AGE

12 Years 8 Months

WEIGHT

23.9 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

**IMAGING
PERFORMED BY**

Dr. Patti Mayfield
DVM

HOSPITAL NAME

Ridgeview Veterinary
Clinic

REFERRING VET

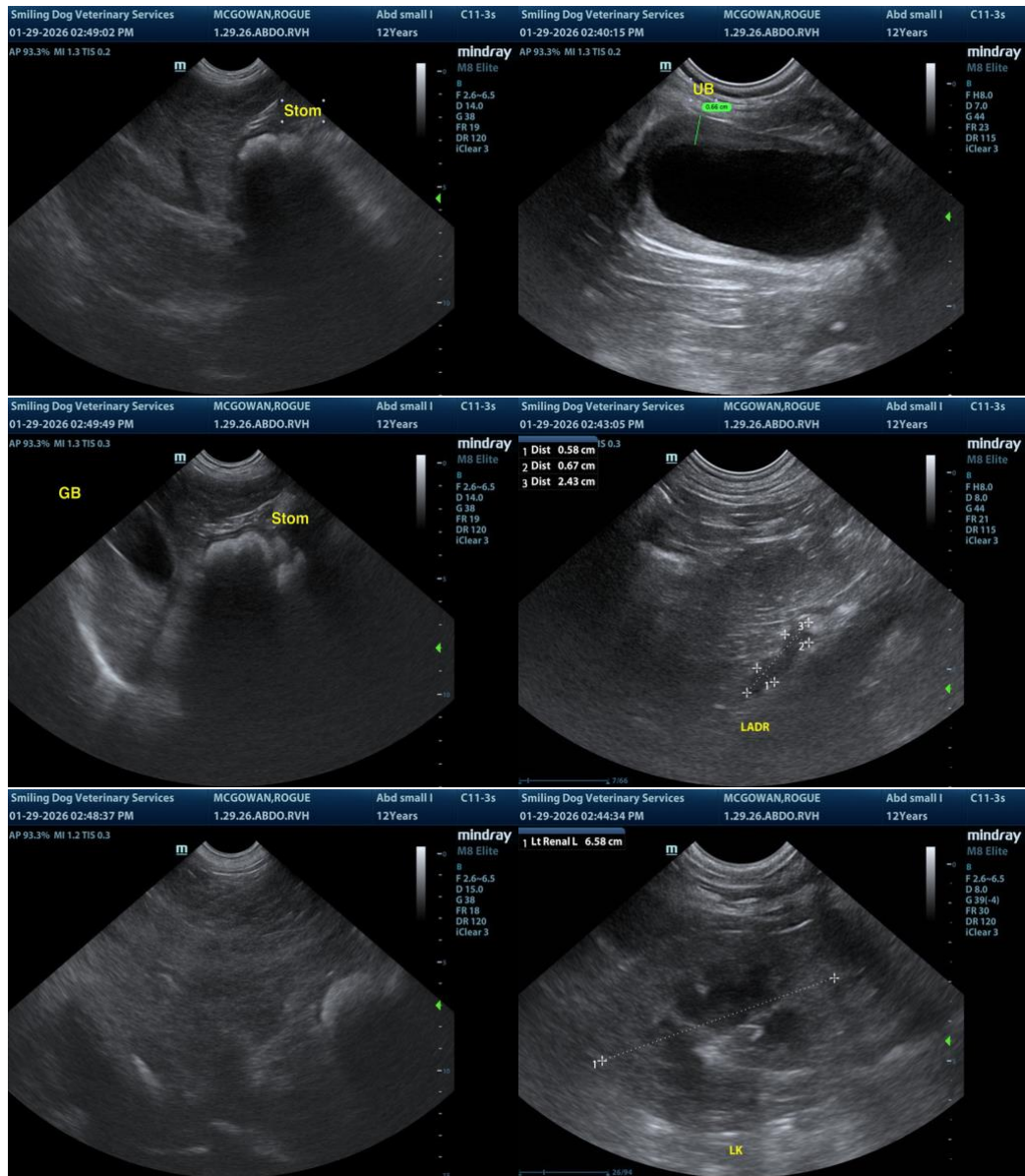
Dr. Caelli Edmonds
DVM

INVOICE

13466

DATE

01/29/26





PATIENT

Rogue McGowan

SPECIES

Canine

BREED

Brittany

SEX

Neutered Male

AGE

12 Years 8 Months

WEIGHT

23.9 kg

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

IMAGING PERFORMED BY

Dr. Patti Mayfield DVM

HOSPITAL NAME

Ridgeview Veterinary Clinic

REFERRING VET

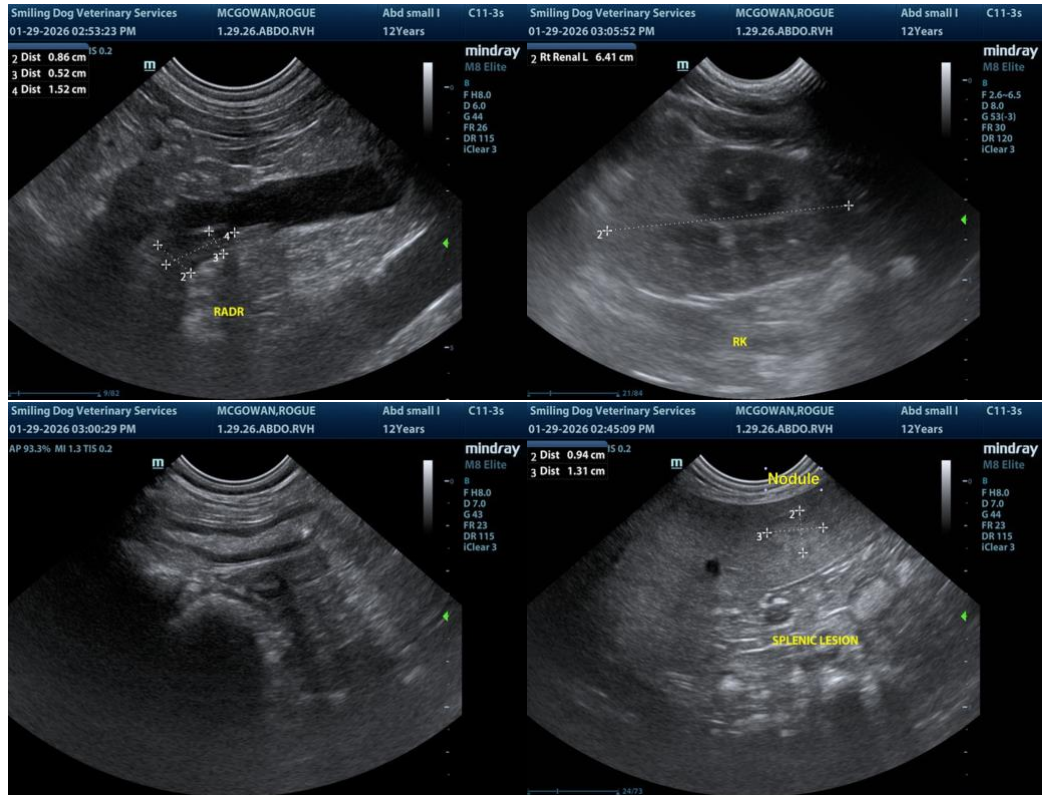
Dr. Caelli Edmonds DVM

INVOICE

13466

DATE

01/29/26



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