
PATIENT PRESENTING CLINICAL SIGNS

Ruby Robinson panting more than usual, even at rest in the air conditioned house

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine Urinary System

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 were noted.

BREED

German Shepherd

SEX

Spayed Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The right kidney measured 8.2 cm. The left kidney measured 7.1 cm.

Adrenal Glands
AGE

6 Years

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.3 cm length x 0.51 cm at the caudal pole. The right adrenal gland measured 2.3 cm length x 0.62 cm at the caudal pole.

WEIGHT

70 Pounds

Spleen

The spleen was normal in size with minor folding. The splenic folding is not indicative of underlying pathology. The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

INTERPRETED BY

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

Liver
IMAGING PERFORMED BY

Kelly Reschny

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.

HOSPITAL NAME

The Maples AH

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild echogenic ingesta with very subtle distal progressive acoustic shadowing, most consistent with post prandial presentation without signs of ileus, obstruction or foreign material. Gastric body wall measured 0.42 cm.

REFERRING VET

Dr. Kazienko

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. Duodenum wall measured 0.52 cm.

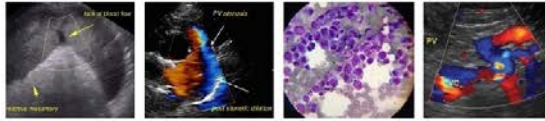
INVOICE

24848

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

DATE

8/20/21



PATIENT *Pancreas*

Ruby Robinson

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.

SPECIES

Canine

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

German Shepherd

ULTRASONOGRAPHIC FINDINGS

- Mild cranial and caudal splenic folding
- Gastric ingesta
- Otherwise sonographically unremarkable abdomen

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

6 Years

The mild splenic folding is non-specific yet not indicative of underlying splenic pathology and may be a patient variant. Potential for minor splenic hyperplasia, hematopoiesis or breed associated hypersplenism possible, yet no overt evidence of splenic neoplasia.

WEIGHT

70 Pounds

The presence of gastric ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material.

INTERPRETED BY

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

Overall, no overt evidence of significant visceral pathology as an obvious cause of the patient's clinical signs or overt abdominal pain. If not done, 3-view chest radiographs are recommended to assess for evidence of thoracic pathology as well as cardiopulmonary status. Thorough musculoskeletal and neurological examination suggested to assess for evidence of orthopedic, neurological or extraabdominal discomfort.

IMAGING PERFORMED BY

Kelly Reschny



HOSPITAL NAME

The Maples AH

REFERRING VET

Dr. Kazienko

INVOICE

24848

DATE

8/20/21



PATIENT

Ruby Robinson

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

6 Years

WEIGHT

70 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

The Maples AH

REFERRING VET

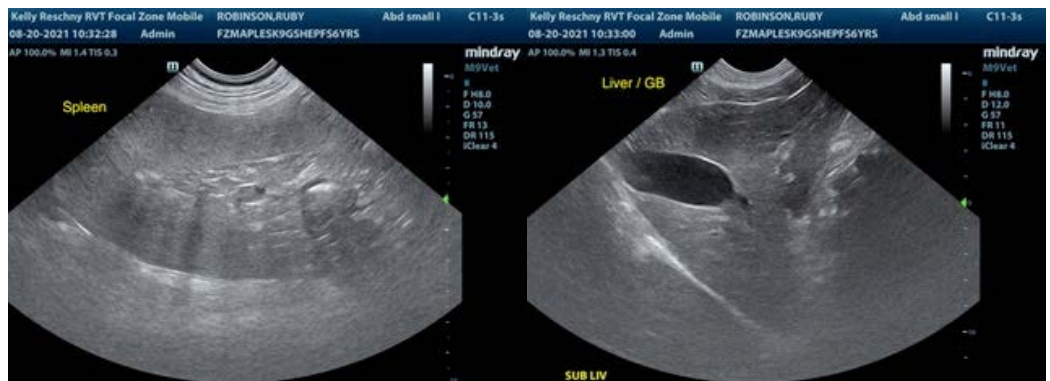
Dr. Kazienko

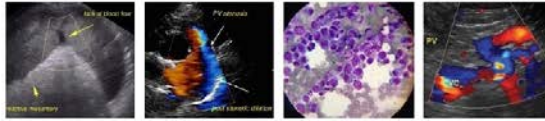
INVOICE

24848

DATE

8/20/21





PATIENT

Ruby Robinson

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.

SPECIES

Canine

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.

BREED

German Shepherd

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

SEX

Spayed Female

AGE

6 Years

WEIGHT

70 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

The Maples AH

REFERRING VET

Dr. Kazienko

INVOICE

24848

DATE

8/20/21