



PATIENT PRESENTING CLINICAL SIGNS

History: few day history of GI upset; Owner wants to R/O neoplasia. On P-lyte and metronidazole

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

Canine

The urinary bladder is adequately with anechoic contents. The wall is smooth and regular. No abnormalities are noted with the trigone or proximal urethra, and there is no evidence of sediment, cystoliths, polyps or a mass.

BREED

PitBull Mix

SEX

Kidneys

Spayed Female

The **left** kidney measures 6.24 cm. The capsule is smooth. A mild loss of the normal definition of the cortico-medullary junction is present. Hyperechoic regions are observed along the medulla, traversing parallel to the corticomedullary junction; these accentuate the definition of the cortico-medullary junction. Mineralizations of the diverticulae and pelvis are present, without evidence of nephroliths or pyelectasia. An accumulation of intrapelvic fat is noted. Blood flow is within normal limits. The surrounding mesentery is very mildly hyperechoic.

AGE

8 years

WEIGHT

53 lbs

The **right** kidney measures 6.19 cm. The capsule is smooth, however, the cortex is mildly hyperechoic and a mild loss of the normal definition of the cortico-medullary junction is present. Mineralizations of the diverticulae and pelvis are present, without evidence of nephroliths or pyelectasia. An accumulation of intrapelvic fat is noted. Blood flow is within normal limits. The surrounding mesentery is very mildly hyperechoic.

INTERPRETED BY

Lisa Carioto, DVM,
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ACVIM

Aortic bifurcation/trifurcation

No abnormalities observed.

IMAGING PERFORMED BY

Adrenal Glands

Diane McFadden, RVT

HOSPITAL NAME

Rockaway AH

The **left** adrenal gland measures 0.54 cm at the cranial pole, 0.65 cm at the caudal pole and 1.97 cm in length. A nodule is present at its caudal pole, however, no abnormalities are noted with the gland's overall echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

REFERRING VET

Dr. Kahn

The **right** adrenal gland measures 0.55 cm at the cranial pole, 0.60 at the caudal pole and 2.34 cm in length. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

INVOICE

Spleen

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The spleen is within normal limits in size, architecture, echotexture, and echogenicity. The capsule is smooth. No abnormalities are observed with its vasculature, i.e. congestion and thrombi are not identified.

DATE

4/21/22



PATIENT *Liver*

Zoie Reilly There are no obvious signs of hepatomegaly and its borders are smooth and sharp. The liver's echotexture is homogeneous and it is within normal limits in echogenicity. No abnormalities are observed with the hepatic vessels visualized.

SPECIES

Canine

The gallbladder wall is within normal limits in thickness and echogenicity. There is no evidence of echogenic material within the GB or edema surrounding it. There are no signs of an obstruction.

BREED

PitBull Mix

Gastrointestinal

The gastric wall is within normal limits in thickness and the wall layers are well defined. No obvious abnormalities are observed with its peristalsis.

SEX

Spayed Female

The small intestinal wall thickness, including the duodenum, is within normal limits and the definition of the wall layers is preserved. Mild fogging of the mucosa is noted.

AGE

8 years

The colonic wall is not thickened and mural detail is considered normal. A moderate amount of gas and semi formed stools are present within the descending colon

The mesentery is mildly, but diffusely hyperechoic.

WEIGHT

53 lbs

There are no obvious signs of a mass, foreign body, infiltrative disease or an obstruction in the gastrointestinal tract.

Pancreas

INTERPRETED BY

Lisa Carioto, DVM,
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ACVIM

No overt abnormalities are observed with the parenchymal echogenicity or echotexture. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.

IMAGING PERFORMED BY

Other

Lymph nodes

No abnormalities are observed

Abdominal effusion is not visualized.

Heart

No pericardial or pleural effusion is identified. An obvious mass is not observed on evaluation of the right atrium or auricle.

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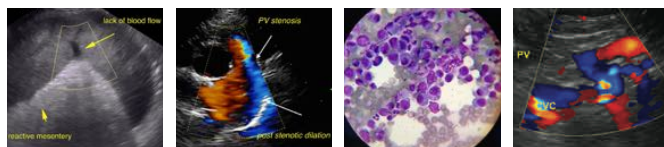
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ULTRASONOGRAPHIC FINDINGS

- The gastrointestinal abnormalities observed are very subtle and somewhat subjective. The fogging of the intestines and the mild hyperechogenicity of the mesentery may be due to



PATIENT

underlying inflammation, for example, due to a recent episode of GI upset or inflammatory bowel disease. There are no overt signs of neoplasia.

Jozie Reilly

- Mild degenerative changes of both kidneys are present, which are suggestive of age related degeneration.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

A urinalysis is suggested to obtain a baseline.

PitBull Mix

Deworming with a broad spectrum dewormer, such as fenbendazole, is recommended, even if Jozie receives monthly heartworm prevention.

SEX

A synbiotic and a fibre supplement, such as psyllium, are suggested to help treat diarrhea, if stools remain soft.

Spayed Female

AGE

A baseline (random) cortisol is suggested to exclude hypoadrenocorticism if clinical signs recur.

8 years

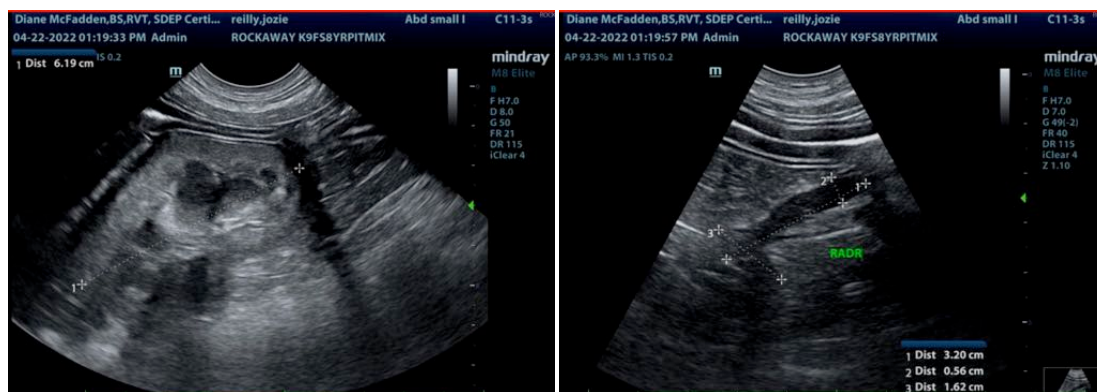
A TLI, serum cobalamin, and folate may also be considered in the future depending on Jozie's clinical signs.

WEIGHT

53 lbs

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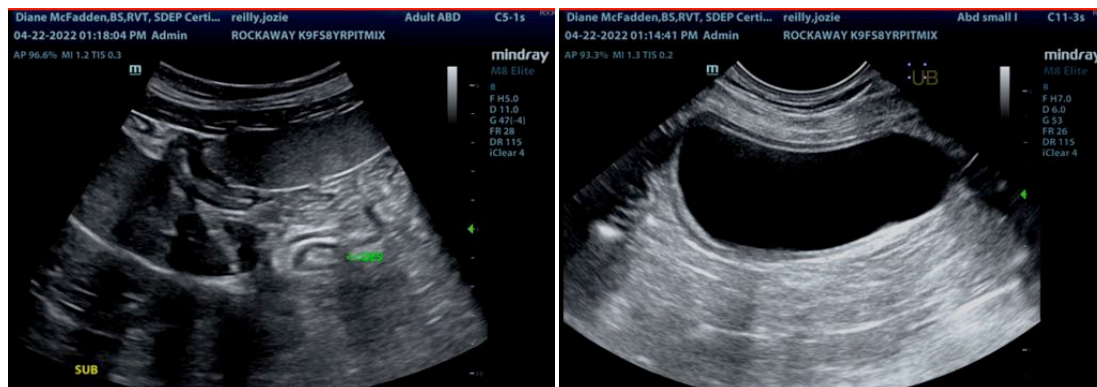


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PATIENT

Jozie Reilly

SPECIES

Canine

BREED

PitBull Mix

SEX

Spayed Female

AGE

8 years

WEIGHT

53 lbs

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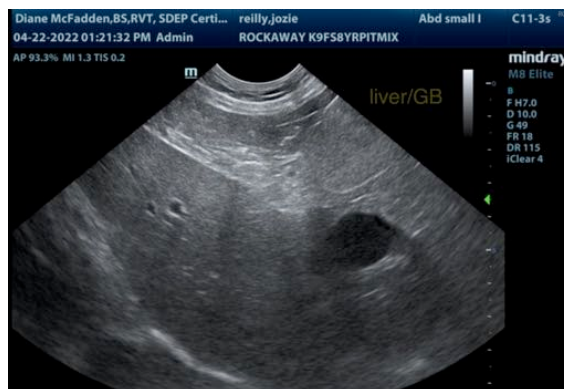
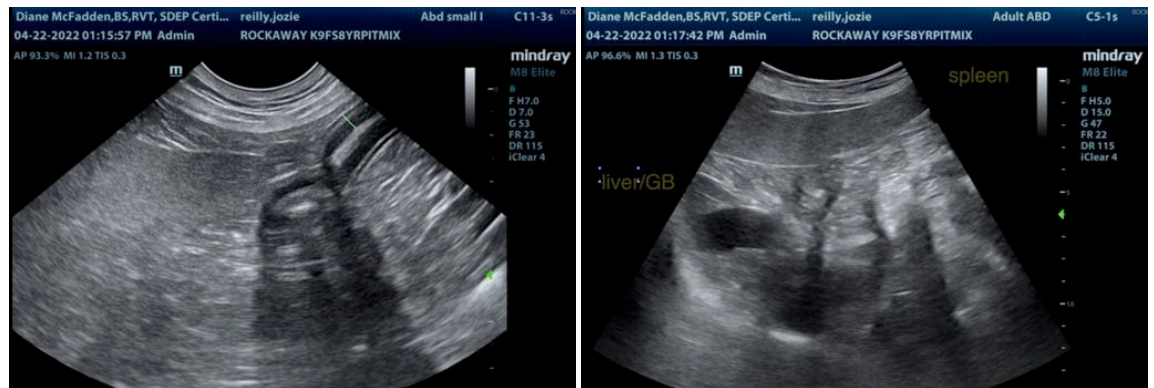
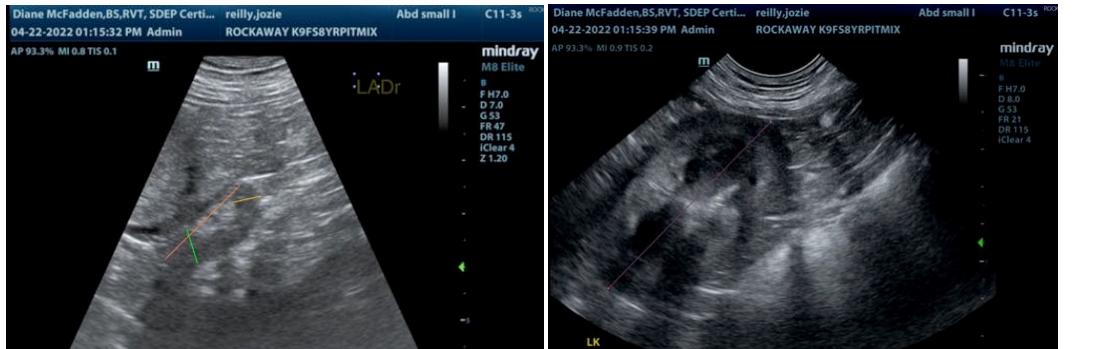
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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