



PATIENT	PRESENTING CLINICAL SIGNS
Messi Cocoz	owner reports diarrhea for a week cleared up over the weekend no change in food
SPECIES	Abnormal PE/Chem/CBC/UA Results: increased ALP
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	<i>Urinary System</i>
Spaniel Mix	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.
SEX	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 left kidney measured 6.2 cm in length. The right kidney measured 6.4 cm in length.
MN	
AGE	The area of the aortic trifurcation was free of pathology.
8	<i>Adrenal Glands</i>
WEIGHT	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.77 cm width at the caudal pole and 2.3 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.67 cm width at the caudal pole and 2.3 cm length.
46	
INTERPRETED BY	<i>Spleen</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The spleen exhibited normal size and contour with primarily finely textured parenchyma. Subtle perihilar hyperechoic parenchyma to indistinct nodules consistent with benign changes such as myelolipomas was present. No splenic masses.
IMAGING PERFORMED BY	<i>Liver/Gallbladder</i>
Jenn	The liver was subjectively normal to possibly borderline enlarged with areas of minor capsule asymmetry. Generalized mild non-homogenous parenchyma with diffuse variably sized mildly hypoechoic nodules was present. An example of a nodule measured 1.9 cm in diameter. Normal vascular volume. 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	<i>Gastrointestinal</i>
Rockaway Animal Hospital	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.
REFERRING VET	
Dr. Maniar	<i>Pancreas</i>
INVOICE	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.
14248ag	Normal visible colon wall layers were present with apparent formed feces in lumen.
DATE	
06/28/2023	



PATIENT

Messi Coccoz

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 omental masses, overt lymphadenopathy or peritoneal effusion was present.

BREED

Spaniel Mix

ULTRASONOGRAPHIC FINDINGS

- Hepatopathy with diffuse mildly hypoechoic intraparenchymal nodules.
- Normal gallbladder.
- Normal GI tract/colon.
- Mild benign perihilar splenic myelolipomas.

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The liver was non-specific and may indicate vacuolar hepatopathy with concurrent multifocal areas of benign hyperplasia, hematopoiesis or similar. Potential for infiltrative neoplasia possible. Assuming normal clotting status and using a 25g needle, a hepatic parenchyma and nodule FNA for screening cytology is warranted for further assessment. As needed GI support is recommended.

AGE

8

WEIGHT

46

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

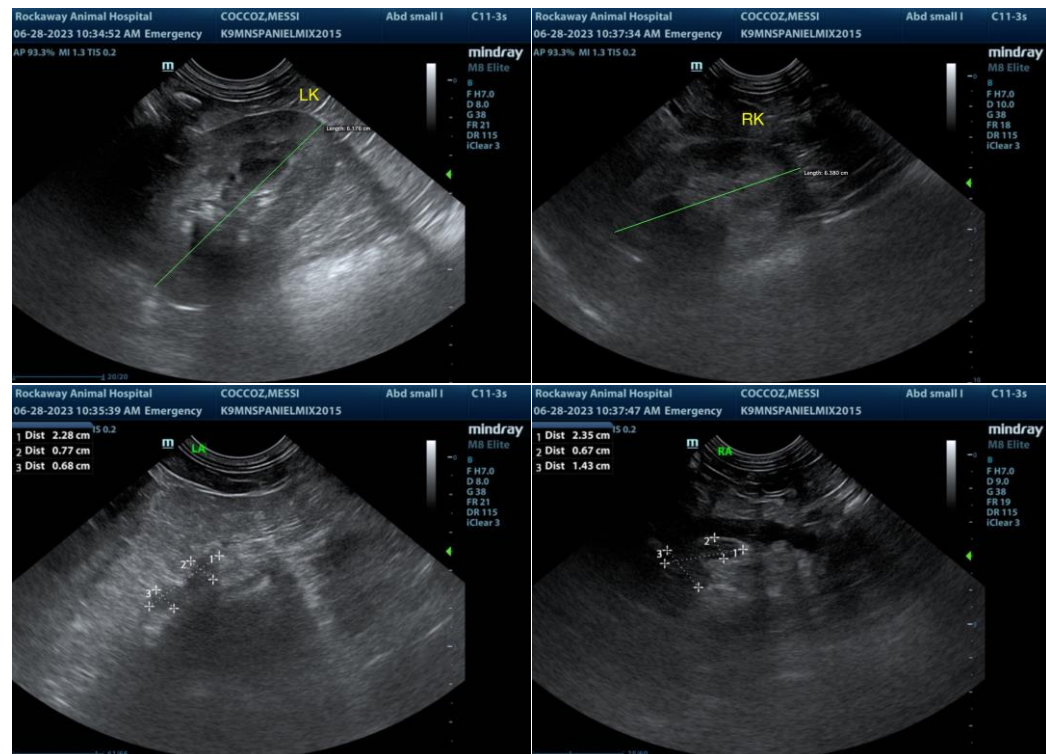
Dr. Maniar

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PATIENT

Messi Coccoz

SPECIES

Canine

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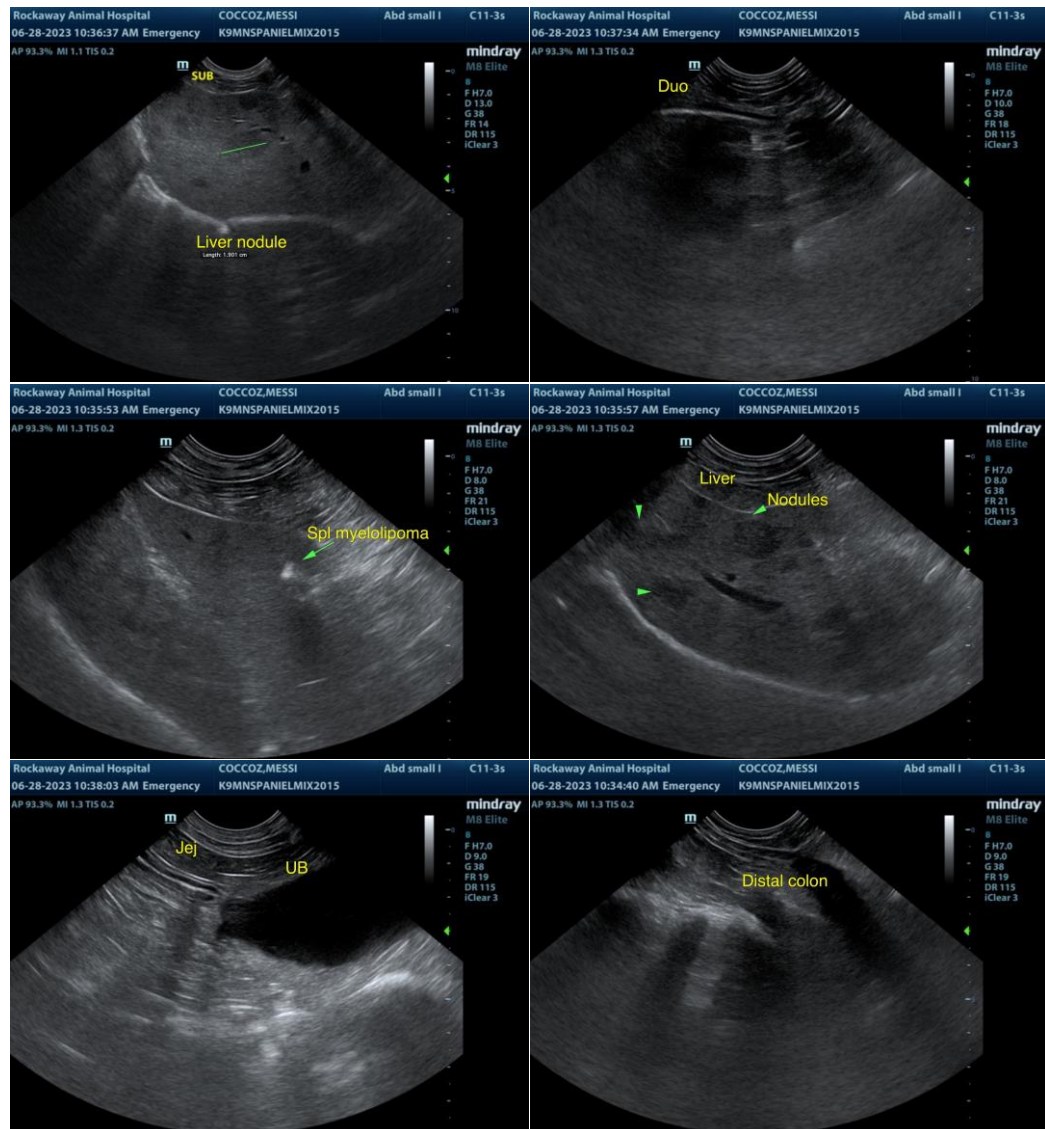
Dr. Maniar

INVOICE

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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.

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