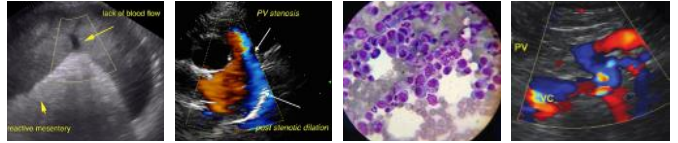




PATIENT	PRESENTING CLINICAL SIGNS
Zoe Rodrigues	History: Had dental July 11 2022 . Went home on meloxicam and has had vomiting and diarrhea . Suspect meloxicam reaction Patient slowly getting better
SPECIES	Abnormal PE/Chem/CBC/UA Results: Mild elevation of liver enzymes on pre dental blood work
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Bichon Mix	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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.
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 3.8 cm in length. The right kidney measured 4.0 cm in length.
FS	The area of the aortic trifurcation was free of pathology.
AGE	Adrenal Glands
8	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.27 cm width at the caudal pole and 0.31 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.31 cm width at the caudal pole and 0.35 cm width at the cranial pole.
WEIGHT	Spleen
6kg	The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Intermittent to multiple well-defined, symmetrical, hyperechoic nodules were present throughout the cranial to caudal parenchyma. 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. Acute to chronic inflammatory or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas. An example of a splenic nodule measured 0.61 cm in diameter.
INTERPRETED BY	Liver
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	Gastrointestinal
Dr. Belan	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. The gastric body wall measured 0.23 cm in width.
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PATIENT

Zoe Rodrigues

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. The jejunum wall measured 0.31 cm in width. The duodenum wall measured 0.28 cm in width.

SPECIES

Canine

Normal visible colon wall layers were present with apparent semi formed to soft feces consistent with clinical signs in lumen.

Pancreas

BREED

Bichon Mix

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

SEX

FS

No overt lymphadenopathy or peritoneal effusion was present.

AGE

8

ULTRASONOGRAPHIC FINDINGS

- Subjective mild gastroenterocolitis pattern
- Benign splenic nodules-consistent with benign myelolipomas
- Low grade hepatopathy-benign

WEIGHT

6kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, no evidence of significant abdominal visceral pathology in this scan. Continued supportive care for gastroenteritis should prove beneficial. Hepatosupportive medications and monitoring of hepatic response if clinically indicated would be reasonable. If clinically indicated and assuming normal clotting status and using a 25g needle a screening hepatic FNA for cytology could be considered.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

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PATIENT

Zoe Rodrigues

SPECIES

Canine

BREED

Bichon Mix

SEX

FS

AGE

8

WEIGHT

6kg

INTERPRETED BY

R. McKenzie Daniel,
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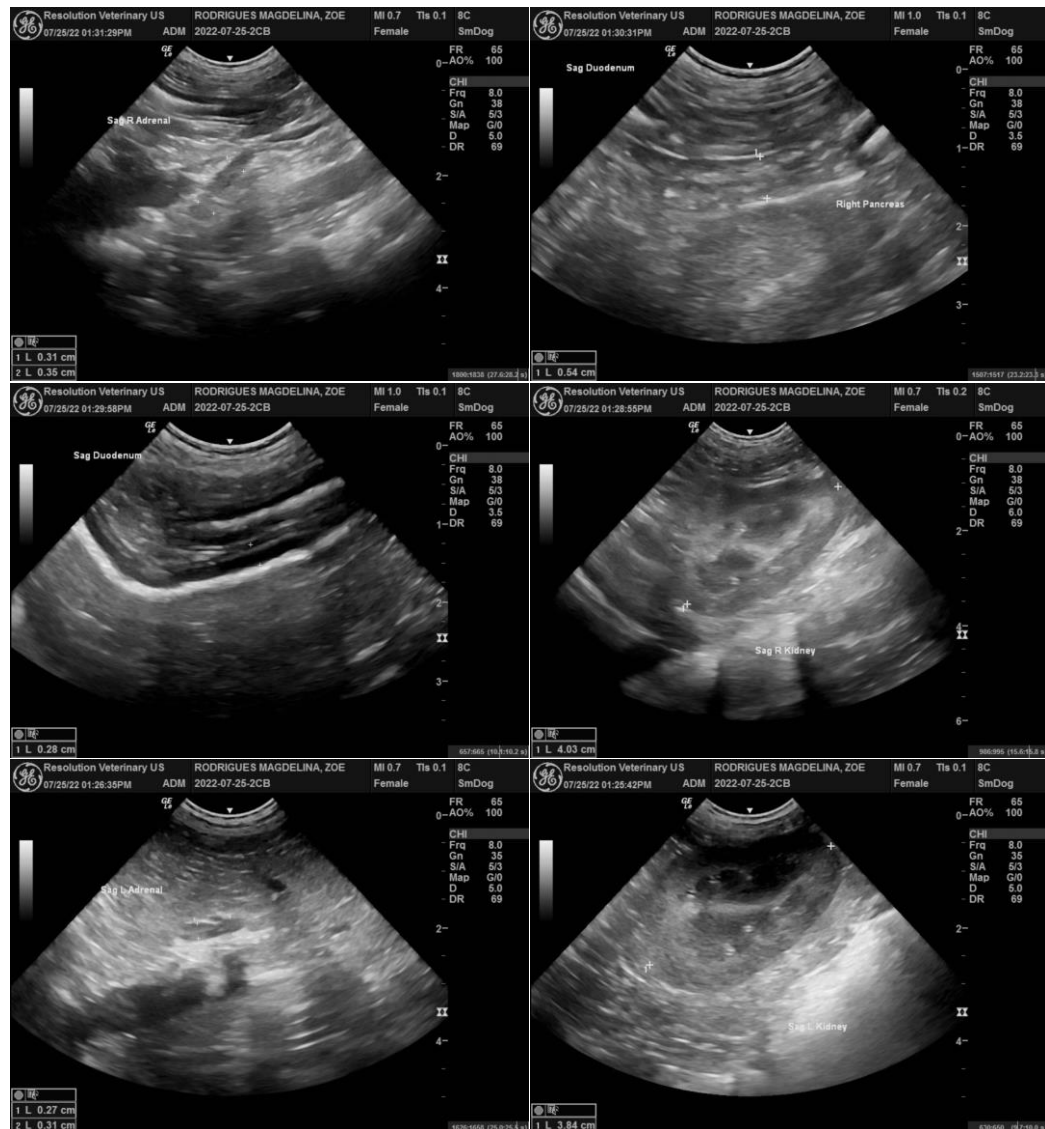
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PATIENT

Zoe Rodrigues

SPECIES

Canine

BREED

Bichon Mix

SEX

FS

AGE

8

WEIGHT

6kg

INTERPRETED BY

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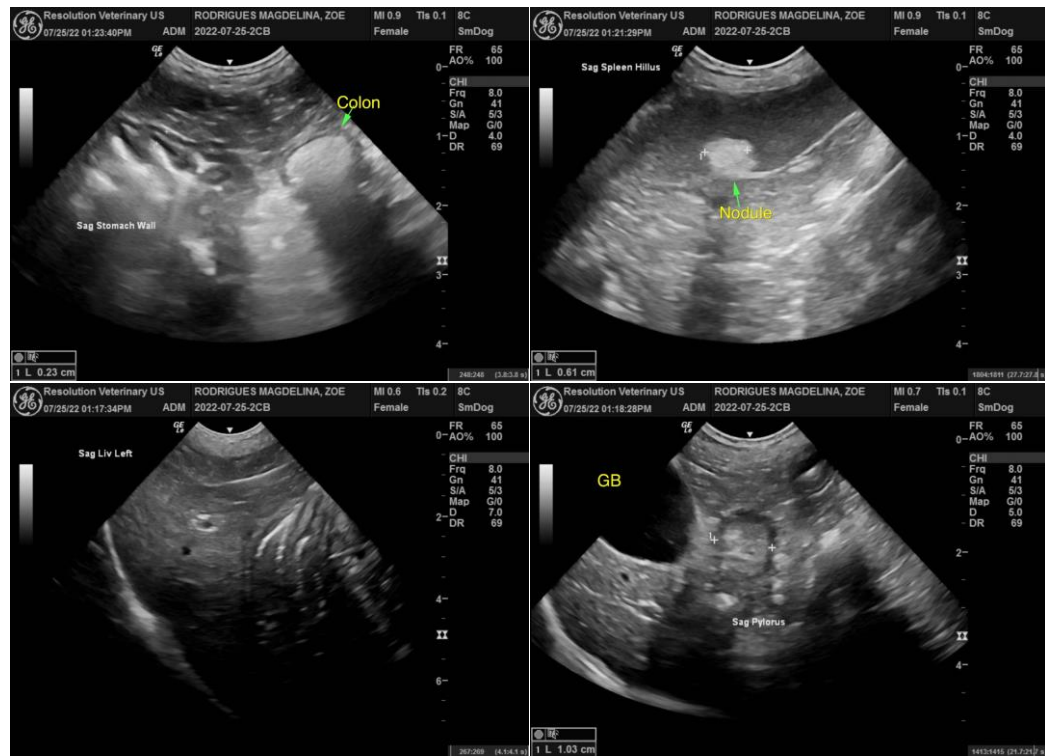
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com